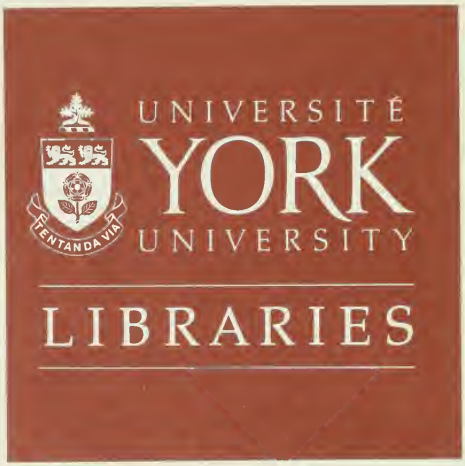
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SESSIONAL PAPERS

VOL. LIII.—PART V

SECOND SESSION

OF THE

FIFTEENTH LEGISLATURE

OF THE

PROVINCE OF ONTARIO

SESSION 1921

TORONTO:
Printed by CLARKSON W. JAMES, Printer to the King's Most Excellent Majesty
1922

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THE RYERSON PRESS

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No. 2 — Estimates—Supplementary for the service of the Province for the year ending 31st October, 1921. Presented to the Legislature, 15th February, 1921. *Printed.* Further supplementary estimates presented to the Legislature 15th April, 1921. *Printed.* Estimates for the year ending October 31st, 1922. Presented to the Legislature, 21st April, 1921. *Printed.*

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No. 4 — Report of the Department of Mines for the year 1920. Presented to the Legislature, 21st March, 1921. *Printed.*

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No. 5 — Report of the Inspector of Division Courts for the year 1920. Presented to the Legislature, 7th February, 1921. *Printed.*

No. 6 — Report of the Inspector of Legal Offices for the year 1920. Presented to the Legislature, 21st March, 1921. *Printed.*

No. 7 — Report of the Inspector of Registry Offices for the year 1920. Presented to the Legislature, 21st March, 1921. *Printed.*

No. 8 — Report of the Provincial Municipal Auditor for the year 1920. Presented to the Legislature, 15th February, 1921. *Printed.*

No. 9 — Report of the Commissioners for the Queen Victoria Niagara Falls Park for the year 1920. Presented to the Legislature, 29th April, 1921. *Printed.*

No. 10 — Report of Superintendent of Insurance for the year 1920. Presented to the Legislature, 15th February, 1921. *Printed.*

No. 11 Report of the Registrar of Friendly Societies for the year 1920. Presented to the Legislature, 15th February, 1921. *Printed.*

No. 12 Loan and Trust Corporations' statement being abstracts from financial statements made by building societies, loan companies, loaning land companies and trust companies for the year ended Decem-31st, 1919. Presented to the Legislature, 1st February, 1921. *Printed.*

Report of the Registrar of Loan Corporations for the year 1920. Presented to the Legislature, 15th February, 1921. *Printed.*

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No. 13 Report of the Minister of Public Works for the year 1920. Presented to the Legislature, 15th February, 1921. *Printed.*

No. 14 Report of the Game and Fisheries Department for the year 1920. Presented to the Legislature, 7th March, 1921. *Printed.*

No. 15 Report of the Department of Public Highways for the year 1920. Presented to the Legislature, 28th April, 1921. *Printed.*

No. 16 Report of the Department of Labour for the year 1920. Presented to the Legislature, 29th April, 1921. *Printed.*

No. 17 Report of the Minister of Education for the year 1920. Presented to the Legislature, 13th April, 1921. *Printed.*

No. 18 Report of the Board of Governors of the University of Toronto for the year ending 30th June, 1920. Presented to the Legislature, 2nd February, 1921. *Printed.*

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No. 19 Report of the Secretary and Registrar of the Province for the year 1920. Presented to the Legislature, 28th April, 1921. *Printed.*

No. 20 Report of the Registrar-General relating to the Registration of Births, Marriages and Deaths for the year ending 1920. Presented to the Legislature, 1st March, 1921. *Printed.*

No. 21 Report of the Provincial Board of Health for the year 1920. Presented to the Legislature, 11th February, 1921. *Printed.*

No. 22 Report of the Inspector of Prisons and Public Charities upon the Ontario Hospitals for the Insane for the year 1920. Presented to the Legislature, 13th April, 1921. *Printed.*

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No. 24 No Report.

No. 25 Report upon the hospitals and charitable institutions for the year 1920. Presented to the Legislature, 29th April, 1921. *Printed.*

No. 26 Report upon the prisons and reformatories for the year 1920. Presented to the Legislature, 13th April, 1921. *Printed.*

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No. 27 Report upon the neglected and dependent children for the year 1920. Presented to the Legislature, 29th April, 1921. *Not Printed.*

No. 28 Report upon the operation of the Ontario Temperance Act for the year 1920. Presented to the Legislature, 14th February, 1921. *Printed. Part 6, 1920, Sess. Vol.*

No. 29 Report of the Minister of Agriculture for the year 1920. Presented to the Legislature, 22nd April, 1921. *Printed.*

No. 30 Report of the Ontario Agricultural College and Experimental Farm. for the year 1920. Presented to the Legislature, 22nd April, 1921. *Printed.*

No. 31 No Report.

No. 32 Report of the Agricultural and Experimental Union for the year 1920. Presented to the Legislature, 27th April, 1921. *Printed.*

No. 33 Report of the Stallion Enrolment Board for the year 1920. Presented to the Legislature, 1st February, 1921. *Printed.*

No. 34 Report of the Vegetable Growers' Association for the year 1920. Presented to the Legislature, 27th April, 1921. *Printed.*

No. 35 No Report.

No. 36 Report of the Entomological Society for the year 1920. Presented to the Legislature, 22nd April, 1921. *Printed.*

No. 37 Report of the Beekeepers' Association for the year 1920. Presented to the Legislature, 22nd April, 1921. *Printed.*

No. 38 Report of the Dairymen's Associations for the year 1920. Presented to the Legislature, 22nd April, 1921. *Printed.*

No. 39 Report of the Live Stock Branch for the year 1920. Presented to the Legislature, 22nd April, 1921. *Printed.*

No. 40 Report *re* Housing of the Bureau of Municipal Affairs for the year 1920. Presented to the Legislature, 29th April, 1921. *Printed.*

No. 41 Report of the Women's Institutes for the year 1920. Presented to the Legislature, 22nd April, 1921. *Printed.*

No. 42 Report of the Agricultural Societies and the Convention of the Ontario Associations and Exhibitions for the year 1920. Presented to the Legislature, 16th February, 1921. *Printed.*

No. 43 Report of the Horticultural Societies for the year 1920. Presented to the Legislature, 27th April, 1921. *Printed.*

No. 44 Report of Fruit Growers' Association for the year 1920. Presented to the Legislature, 22nd April, 1921. *Printed.*

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No. 46 Report of the Statistics Branch of the Department of Agriculture for the year 1920. Presented to the Legislature, 22nd April, 1921. *Printed.*

No. 47 Report of Bureau of Municipal Affairs for the year 1920. Presented to the Legislature, 11th February, 1921. *Printed.*

No. 48 Report of the Temiskaming and Northern Ontario Railway for the year 1920. Presented to the Legislature, 10th March, 1921. *Printed.*

No. 49 Report of the Hydro-Electric Power Commission for the year 1920. Presented to the Legislature, 4th April, 1921.

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No. 50 Report of The Ontario Railway and Municipal Board for the year 1920. Presented to the Legislature, 21st March, 1921. *Printed.*

No. 51 A Return from the Records of the By-Elections to the Legislative Assembly held on the 19th day of July and the 8th day of November, 1920, shewing:—

(1) The number of Votes Polled for each Candidate in each Electoral District in which there was a contest; (2) The majority whereby each successful Candidate was returned; (3) The total number of Votes Polled; (4) The number of Votes remaining unpolled; (5) The number of names on the Polling Lists; (6) The number of Ballot Papers sent out to each Polling Place; (7) The Used Ballot Papers; (8) The Unused Ballot Papers; (9) The Rejected Ballot Papers; (10) The Cancelled Ballot Papers; (11) The Declined Ballot Papers; (12) The Ballot Papers taken from Polling Places; (13) A General Summary of Votes cast in each Electoral District. Presented to the Legislature, 25th January, 1921. *Printed.*

No. 52	Report of the Bureau of Archives for the Province of Ontario, 1920. Presented to the Legislature, 15th April, 1921. *Printed.*
	—Supplement to Report of the Bureau of Archives, 1920. Presented to the Legislature, 27th April, 1921. *Printed.*
No. 53	The Report of the Librarian on the state of the Library. Presented to the Legislature, 26th January, 1921. *Not Printed.*
No. 54	Auditor's Report for the year 1919-20. Presented to the Legislature, 8th March, 1921. *Printed.*
No. 55	Report of the Workmen's Compensation Board for 1920. Presented to the Legislature, 28th April, 1921. *Printed.*
No. 56	Report on the Administration of Criminal Justice and Treatment of Prisoners in New York, Chicago, Detroit and Toronto, by His Honour Judge Coatsworth, Senior Judge of the County of York, Province of Ontario. Presented to the Legislature, 5th April, 1921. *Printed.*
No. 57	Report of the Ontario Board of Parole for the year ending 31st October, 1920. Presented to the Legislature, 21st February, 1921. *Printed.*
No. 58	Report of the Committee on Rural Credits. Presented to the Legislature, 11th February, 1921. *Printed.*
No. 59	Report of the Select Committee of the Legislative Assembly, as to a more equitable system of distribution of Hydro-Electric power and a more uniform price. Presented to the Legislature, 26th January, 1921. *Printed.*
No. 60	Statement of the distribution of the Revised and Sessional Statutes for the year 1920. Presented to the Legislature, 1st February, 1921. *Not Printed.*
No. 61	Regulations and Orders-in-Council passed since the last Session of the Legislature under the authority of the Department of Education Act, or of the Public Schools, Separate Schools or High Schools. Presented to the Legislature, 1st February, 2nd February, 14th February, 7th March, 21st March, 13th April, 1921. *Not Printed.*
No. 62	Interim Report *re* Issuers of Marriage Licenses, Public Service Commission. Presented to the Legislature, 11th February, 1921. *Printed.*
No. 63	Interim Report of the Public Service Commission *re* Police Magistrates. Presented to the Legislature, 11th February, 1921. *Printed.*

No. 64 The Minister of Lands and Forests presented to the House, a Return to an Order of the House showing 1. How many Timber Limits have been offered for sale since 1st December, 1919, and where situated. 2. Were they all sold by tender. 3. The date of sale, area, and price paid. 4. Were any withdrawn after being advertised, and if so, why. 5. How many tenders were received in each case. 6. The name of the successful tenderer. 7. The amount of bond given in each case by the successful tenderer. Presented to the Legislature, 16th February, 1921. Mr. *Tolmie*. *Not Printed.*

No. 65 Report of the Commission to enquire into and report upon a basis for determining the financial obligations of the Province toward the University of Toronto, and the financial aid which the Province may give to Queen's University of Kingston and the Western University of London, etc., etc. Presented to the Legislature, 21st February, 1921. *Printed.*

No. 66 Return to an Order of the House of the 14th day of February for a Return showing dates when tenders called for, the tenders received and the names of tenderers for the production of (*a*) Ontario Public School Readers, each respectively; (*b*) Ontario Public School Histories, each respectively; (c) Ontario High School History; (*d*) Ontario Composition and Grammar. Presented to the Legislature, 21st February, 1921. Mr. *Sinclair*. *Not Printed.*

No. 67 Interim Reports (First, Second and Third) of the Commission to investigate and report upon the accuracy or otherwise of all returns made pursuant to The Crown Timber Act, sec. 14, by any holder of a Timber License, etc., etc., etc. Presented to the Legislature, 23rd February, 1921. *Printed.*

No. 68 Return to an Order of the House of the 23rd February, 1921, for a Return of copies of all correspondence between the Minister of Lands and Forests, the Prime Minister, or any Minister of the Government and any official, representative or solicitor on behalf of the Spruce Falls Pulp & Paper Co., together with all estimates, reports, conditions of sale, maps, documents and papers of every kind and nature, relating to (1) The sale of the Kapuskasing Soldiers' and Sailors' Settlement Colony; (2) The additional area acquired by the Company to add to the concession known as the Kapuskasing Pulp Concession; (3) Relating to the establishment of the Government Town Site at Kapuskasing. Presented to the Legislature, 24th February, 1921. Mr. *Magladery*. *Not Printed.*

No. 69 Annual Report of the Soldiers' Aid Commission of Ontario for year ending 31st October, 1919. Presented to the Legislature, 1st March, 1921. *Not Printed.*

No. 69 Report of Soldiers' Aid Commission for the year 1920. Presented to the Legislature, 21st March, 1921.

No. 70 Return to an Order of the House of 23rd February, 1921, that there be laid before the House, a Return showing the number of Issuers of Marriage Licences in the Province of Ontario, with their names and addresses and the date of their appointment. Presented to the Legislature, 1st March, 1921. Mr. *Ross,* Kingston. *Not Printed.*

No. 71 Return to an Order of the House of 9th February, 1921, that there be laid before the House a Return of copies of all correspondence, papers and documents since 13th November, 1919, relating to conduct or duties of Magistrates, Justices of the Peace and other officers with reference to enforcement of The Ontario Temperance Act. Presented to the Legislature, 1st March, 1921. Mr. *Hill. Not Printed.*

No. 72 Return to an Order of the House of 23rd February, 1921, that there be laid before the House a Return of copies of the Report of the Superintendent of Provincial Police to the Attorney-General for the years 1918, 1919 and 1920. Presented to the Legislature, 1st March, 1921. Mr. *Godfrey. Not Printed.*

No. 73 Return to an Order of the House of 23rd February, 1921, for a Return showing copy of Agreement between Provincial Board of Health and Federal Health Department relating to prevention of Venereal Diseases. 2. What amount has already been received by the Province to date. Presented to the Legislature, 4th March, 1921. Mr. *Price. Not Printed.*

No. 74 Return to an Order of the House of 4th February, 1921, for a Return of copies of all correspondence passing between the Government of Ontario or any member, officer or official thereof, or of any department thereof and any member of the House or other person leading up to it, and dealing with the suspension and resignation of Messrs. Smith and Hanna from the Provincial Police. Presented to the Legislature, 4th March, 1921. Mr. *Tolmie. Not Printed.*

No. 75 Return to an Order of the House of the 4th February, 1921, for a Return of copies of all correspondence with and by the Government or any department thereof leading up to and relating to the dismissal of Mr. Lewis R. Luke as License Inspector for Ontario County. Presented to the Legislature, 4th March, 1921. Mr. *Sinclair. Not Printed.*

No. 76 Statement and Report of the Ontario Athletic Commission and of Auditor for the year 1920. Presented to the Legislature, 4th March, 1921. *Not Printed.*

No. 77 Report of the Commission upon the rates of wages paid to men employed by The Hydro-Electric Power Commission in the construction of the Queenston-Chippewa Development. Presented to the Legislature, 4th March, 1921. *Printed.*

No. 78 Return to an Order of the House of 28th February, 1921, that there be laid before the House a Return of copies of all letters, reports and communications of every kind received by the Minister of Mines or any member of the Government with respect to the proposed increase in mining taxes. Presented to the Legislature, 9th March, 1921. Mr. *Ferguson. Not Printed.*

No. 79 Return to an Order of the House of 23rd February, 1921, for a Return of copies of all correspondence between the Government or any member or any Minister or official and the Canada Copper Company (International Nickel Company) and George E. Buchanan relating to leases or grants of nickel-bearing or other mineral lands in the Township of Creighton, District of Sudbury, since 13th November, 1919. Presented to the Legislature, 10th March, 1921. Mr. *Dewart. Not Printed.*

No. 80 Interim report respecting Coroners of the Commission to inquire, consider and report upon the best mode of selecting, appointing and remunerating Sheriffs, etc., etc. Presented to the Legislature, 18th March, 1921. *Printed.*

No. 81 Report of the Committee on Proportional Representation. Presented to the Legislature, 5th April, 1921. *Printed.*

No. 82 Return to an Order of 16th February, 1921, that there be laid before the House a Return showing what are the amounts paid by each Company respectively which make up the total credited to The Mining Tax Act in the Public Accounts for 1920 at page *a*31 under the heading: (*a*) Acreage tax, $71,223.26; (*b*) Profits tax, $713,291.46. Presented to the Legislature, 21st March, 1921. Mr. *McAlpine. Not Printed.*

No. 83 Return to an Order of the House, of 9th February, 1921, that there be laid before the House a Return showing:—1. What was the total quantity of fish caught in Lake Nipissing and Lake Nipigon, respectively, and marketed in the following years—1917, 1918, 1919 and 1920. 2. What were the varieties of fish caught and marketed in Lake Nipissing and Lake Nipigon respectively, and

the quantity of each. 3. What was the price paid to fishermen for each variety; what was the price at which the Government sold each variety; to whom were such sales made. 4. To whom were licenses issued to take fish from Lake Nipissing and Lake Nipigon respectively, in the years 1917, 1918, 1919 and 1920. 5. Is it the intention of the Government to continue this Fishery Department as a commercial enterprise. 6. What were the gross receipts from fish sales in Lake Nipissing and Lake Nipigon in the years 1917, 1918, 1919 and 1920, and what were the net profits of the Government in each of said years. Presented to the Legislature, 1st April, 1921. Mr. *Mageau*. *Not Printed.*

No. 84 Return to an Order of 23rd February, 1921, that there be laid before the House a Return showing the number of convictions made under The Ontario Temperance Act for breaches of the said Act for year 1919-20: 1. At the instance of officers of the Board of License Commissioners. 2. At the instance of officers of the Ontario Provincial Police. 3. At the instance of Municipal Police officers. 4. The number of cases in which fines or sentences have been remitted, reduced, or commuted: (1) Upon the recommendation of the Board of License Commissioners; (2) Without the recommendation of the Board of License Commissioners. Presented to the Legislature, 13th April, 1921. Mr. *Godfrey*. *Not Printed.*

No. 85 Copy of Report of R. D. Johnson *et al* on the Queenston-Chippawa Power Development, with statement of professional record of H. S. Kerbaugh and Francis Lee Stuart, with letters. Presented to the Legislature, 13th April, 1921. *Printed.*

No. 86 Report of R. S. Lea, Consulting Engineer of Progress on Queenston-Chippawa Power Development, 31st January to 9th April, 1921. Presented to the Legislature, 13th April, 1921. *Printed.*

No. 87 Report of the Civil Service Commissioner for Ontario, 1920. Presented to the Legislature, 15th April, 1921. *Printed.*

No. 88 First Annual Report of The Mothers' Allowances Commission for the year 1920. Presented to the Legislature, 20th April, 1921. *Printed.*

No. 89 Final Report of Hugh L. Cooper & Co. *re* Queenston-Chippawa Development of the Hydro-Electric Power Commission of Ontario. Presented to the Legislature, 21st April, 1921. *Printed.*

No. 90 Return to an Order of the House of the 25th February, 1921, that there be laid before this House a Return showing:—1. How many miles are included in the Ottawa-Prescott Highway. 2. How

many miles of this Highway were completely graded at the end of the year 1920. 3. How much grading still remains to be done. 4. What was the average cost *per* mile of the grading completed. 5. What amount was spent during the year 1920 on equipment for the Ottawa-Prescott Highway. 6. How many men were employed in each of the months of 1920. 7. Has the Government purchased any gravel pits or stone quarries along or in the vicinity of the right-of-way of the Ottawa-Prescott Highway, and if so (*a*) From whom; (*b*) What was paid for each; and (*c*) What was the area of each. 8. Has the Government rented any gravel pits or stone quarries along or in the vicinity of the right-of-way of the Ottawa-Prescott Highway, and if so (*a*) From whom; (*b*) What was paid for each; and (*c*) What was the area of each. 9. Did the Government purchase any gravel or stone for the right-of-way of the Ottawa-Prescott Highway, and if so (*a*) From whom; (*b*) What was paid per cubic yard; and (*c*) What was the total amount paid each man. 10. How many culverts were built during the year 1920. 11. How many still remain to be completed. 12. How many culverts were built (*a*) By day labour; (*b*) By contract. 13. If any were built by the latter (*a*) Who were the contractors; (*b*) What were the unit prices paid; (*c*) What lump sums were paid to each contractor. 14. What was the cost *per* cubic yard of the said culverts in place built by day labour. 15. What was the cost *per* cubic yard of the said culverts in place built by contract. 16. What was the total amount spent on the Ottawa-Prescott Highway to 31st December, 1920. 17. Have the plans of the said Highway been filed in the Federal Department of Railways pursuant to the Canada Highways Act, and if so, when. 18. Has a subsidy agreement been signed with the Dominion Government pursuant to the Canada Highways Act. 19. If so, what is the date of the agreement. 20. Has the Government received any payments on account of Dominion Government subsidy, and if so, the dates and amounts of the payments. 21. What wages were paid during 1920, on the Ottawa-Prescott Highway (*a*) For unskilled labour; (*b*) For teams with driver. 22. How many hours a day did the men employed on the road during 1920 work. 23. Who was the engineer in charge of the road during 1920, and what was his salary. 24. Has the Government settled with all the parties from whom the right-of-way was acquired. 25. If the answer to 24 is in the negative, what parties still remain to be settled with. Presented to the Legislature, 28th April, 1921. Mr. *Hill*. *Not Printed.*

No. 91 Return to an Order of 4th March, 1921, that there be laid before this House a Return showing:—1. What places in the City of Toronto are employed for Government use outside the Legislative Building. 2. For what Department, Commission or Board are they being used. 3. What are the terms of rental or lease. 4. How much has been expended on improvements on each place

to date. 5. On what dates was possession taken under the different leases. 6. How many employees are at work in each of the respective buildings so leased. Presented to the Legislature, 29th April, 1921. Mr. *Ross,* Kingston. *Not Printed.*

No. 92 Return to an Order of 21st February, 1921, that there be laid before this House a Return of copies of all papers and correspondence between the Government or any member thereof or any official on behalf of the Government and any other Corporation or person relating to: (*a*) Loan "R.R." sold to syndicate composed of the Dominion Securities and others: (*b*) Loan for $16,000,000 at 6 *per cent.,* repayable in fifteen years for which the price of 92.34 was realized; (*c*) The loan "S.S." sold to the syndicate composed of Aemilius Jarvis and others; (*d*) The loan for $10,000,000 at 6 *per cent.,* repayable in twenty years for which the price of 96.787 was realized. Presented to the Legislature, 29th April, 1921. Mr. *Hay. Not Printed.*

No. 93 Copies of Orders-in-Council designating, pursuant to section 14 of The Hospitals and Charitable Institutions Act, Hospitals, Refuges, Orphanages and Infants' Homes, to which aid be granted. Presented to the Legislature, 29th April, 1921. *Not Printed.*

No. 94 Report of the Commission to inquire into and report upon the truth or falsity of the charges made against David Hastings, Police Magistrate, Dunnville. Presented to the Legislature, 29th April, 1921. *Not Printed.*

REPORT

OF THE

Secretary and Registrar

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR

ENDING 31st DAY OF OCTOBER

1920

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO

TORONTO:
Printed by CLARKSON W. JAMES, Printer to the King's Most Excellent Majesty
1921

Printed by
THE RYERSON PRESS

To His Honour LIONEL HERBERT CLARKE,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned begs respectfully to present to Your Honour the report prepared with respect to the chief transactions of the Department of the Secretary and Registrar of the Province of Ontario during the year ending the 31st day of October, A.D., 1920.

Respectfully submitted,

H. C. NIXON,

Provincial Secretary and Registrar.

Provincial Secretary's Office,

Toronto, March 23, 1921.

REPORT

OF THE

SECRETARY AND REGISTRAR

OF THE PROVINCE OF ONTARIO

For the Year Ending October 31, 1920.

Provincial Secretary's Office,

Toronto, March 22nd, 1921.

To the Honourable,

HARRY CORWIN NIXON,

Secretary and Registrar of the Province of Ontario:

SIR,—I beg leave to submit the Annual Report of the Provincial Secretary's Office for the year ending October 31st, 1920, showing details of the various services rendered by the office during that period.

The following table shows the fees as they were received month by month:

Statement of Office Fees Received by Months 1920

November	$36,451 70
December	42,393 90
January	38,542 25
February	37,243 80
March	37,138 25
April	39,989 95
May	24,426 35
June	40,085 60
July	21,907 05
August	17,246 50
September	21,445 55
October	23,154 43
Total	$380,025 33

Statement of Source of Fees Received during 1920

Letters Patent, Licenses, etc	$346,002 85
Companies' Returns	26,932 50
Commissions	3,527 75
By-Laws, Copies and Searches	3,562 23
Total	$380,025 33

Number of Charters, Licenses etc. Issued.

Year.	Number of Instruments.	Fees.
1892	158	$6,780 00
1893	138	8,4365 00
1894	74	97,729 00
1895	14	110,000 00
1896	15	14,335 00
1897	358	34,650 00
1898	295	23,820 00
1899	416	60,817 00
1900	438	71,179 00
1901	450	75,782 00
1902	591	95,330 00
1903	578	107,166 00
1904	673	87,177 00
1905	828	108,621 00
1906	1,045	181,988 11
1907	1,067	227,312 90
1908	924	132,252 50
1909 (Ten months)	828	171,695 80
1909-1910	1,110	183,780 45
1910-1911	1,211	235,662 10
1911-1912	1,288	232,079 05
1912-1913	1,305	232,364 35
1913-1914	1,120	176,270 05
1914-1915	1,080	80,744 75
1915-1916	1,265	109,276 00
1916-1917	930	133,503 30
1917-1918	1,047	102,510 75
1918-1919	1,465	214,029 05
1919-1920	1,873	380,025 33

The usual Tables and Appendices accompany this Report.

All of which is respectfully submitted.

F. V. JOHNS,

Assistant Provincial Secretary.

List of Companies Incorporated for the Year Ending October 31st, 1920.

Name	Address	Capital
Automotive Scale Company, Limited	Toronto	$40,000
American Hat Company, Limited	Toronto	250,000
Allen's Cobourg Theatre, Limited	Toronto	100,000
Attachable Collapsible Auto Bed Company, Limited	Toronto	40,000
Allen's Kitchener Theatre, Limited	Toronto	100,000
Aluminum-Steel Products, Limited	Owen Sound	250,000
Anglo-Canadian Concert Band, Limited	Huntsville	200,000
Alykyris Mines, Limited, (No personal liability)	Goderich	1,000,000
Aylmer Products, Limited	Aylmer	500,000
Algonquin Lumber Company, Limited	Toronto	100,000
Arner Company, Limited, The	Fort Erie	75,000
Armand, Limited	St. Thomas	40,000
Allen's Brantford Theatre, Limited	Toronto	100,000
Alderson Brothers (of Hamilton), Limited	Hamilton	50,000
Alderson Brothers Motor Sales (of Toronto), Limited	Toronto	50,000
Auto Supplies Co., Limited	Toronto	150,000
Archer-Heintz Lake Service Company, Limited, The	Bracebridge	12,000
Andrews and Morison, Limited	Toronto	40,000
Automatic Timers, Limited	Toronto	40,000
Alliston Gold Mines, Limited, (no personal liability)	Alliston	1,000,000
Alexander Garage, Limited	Toronto	50,000
Alpine Silver Mines, Limited. (No personal liability)	Niagara Falls	2,000,000
Athol Gardens, Limited	Toronto	200,000
Adams Cellboard Company, Limited	Toronto	400,000
Adanac Products, Limited	Toronto	300,000
Allen Feed & Water Purifier Company, Limited, The	Toronto	400,000
Automobile Used Parts Company, Limited	Toronto	40,000
Acme Burner & Heater Company, Limited	Toronto	200,000
Automobile Service Syndicate, Limited	Toronto	50,000
Automatic Telephones & Time Recorders, Limited	Toronto	40,000
Allen Hats, Limited	Toronto	40,000
Allied Oil, Limited	Toronto	250,000
Arctic Ice, Limited	Brantford	60,000
Allied Publishers, Limited	Toronto	40,000
Auto Experts Company, Limited	Toronto	40,000
Allen's Kingston Theatre, Limited	Toronto	600,000
Adam Clark, Limited	Hamilton	250,000
Artistic Stationery Company, Limited	Toronto	40,000
Angstrom and Verochio, Limited	Toronto	100,000
Auto-File Card-Index, Limited	Toronto	50,000
Atlas Manufacturing Company, Limited, The	Port Arthur	40,000
Anco Pads, Limited	Toronto	40,000
Algomont Mines, Limited. (No personal liability)	Toronto	4,000,000
Auto Indicator Company of Canada, Limited	Toronto	40,000
Arnprior Dairy Products, Limited	Arnprior	20,000
Armstrong, Dewitt and Crossin, Limited	Toronto	40,000
Alexandria Farmers' Co-operative Company, Limited, The	Alexandria	10,000
Allen Paper Company, Limited, The	Toronto	60,000
Ajax Oil and Gas Company, Limited. (No personal liability)	Toronto	500,000
Arco Company, Limited, The	Toronto	40,000
Adelaide Offices, Limited	Toronto	40,000
Automobile Club of Canada, Limited	Toronto	1,200,000
Automotive Securities, Limited	Toronto	40,000
Allen-Robinson Company, Limited, The	Toronto	40,000
Autostrop Safety Razor Co., Limited	Toronto	1,500,000
Arrow Bedding, Limited	Toronto	60,000
Associated Producers, Limited	Toronto	10,000
Acton Tool & Stamping Co., Limited	Toronto	100,000
B		
Brennan Show Card Systems, Limited, The	Toronto	40,000
Bowes Milk Products, Limited	Toronto	20,000
Bishop-Barker Aeroplanes, Limited	Toronto	300,000

List of Companies Incorporated for the Year Ending October 31st., 1920—*Continue d.*

Name	Address	Capital
Bowler Orthopaedic Appliances, Limited	Toronto	$100,000
Belleville Industrial Corporation, Limited	Belleville	250,000
Border City Auto Supply Company, Limited	Windsor	40,000
Bob-Lo Ferry Company, Limited	Toronto	40,000
Brown's Hardware Company, Limited	Toronto	1,000,000
British Harold F. Ritchie & Company, Limited	Toronto	400,000
Brown Woollen Mills, Limited	Kingsville	200,000
Bowes Export, Limited	Toronto	20,000
Beebe-Tod Manufacturing Company, Limited, The	Toronto	40,000
Burnside Realty, Limited	Toronto	40,000
Balfour Company, Limited, D. A.	Toronto	40,000
Brantford Nut Krust, Limited	Brantford	20,000
Bluebird Transit Company, Limited	Toronto	40,000
Border Cities Co-operative Society, Limited, The	Toronto	40,000
Bridgeburg Co-operative Society, Limited, The	Bridgeburg	25,000
Bailey-Drummond Motor Co., Limited	Toronto	100,000
Beaver Nickel Company, Limited. (No personal liability)	Fort William	300,000
Burlington Steel Company, Limited	Hamilton	20,000
Brant-Keora Mining Company, Limited, The (No personal liability)	Toronto	2,000,000
Burlington Products, Limited	Hamilton	20,000
Builders' Land Company, Limited	Toronto	40,000
Benson-Hines London Hotel Company, Limited	London	500,000
Bruce Woodworkers, Limited	Chesley	40,000
Barry-Webster Gold Mines, Limited. (No personal liability)	Haileybury	2,000,000
Burnwell Coal Company, Limited, The	Hamilton	40,000
British American Drug Company, Limited	Toronto	300,000
Brantford Sand and Gravel Company, Limited	Brantford	100,000
Blue Mountain Oil & Gas Company, Limited. (No personal liability)	Toronto	40,000
Belle-Ayre Hospital, Limited	Toronto	40,000
Brantford Machine & Tool Co., Limited	Brantford	50,000
Bonfield Telephone Company, Limited, The	Bonfield	2,000
Brockville Road Rural Telephone Company, Limited, The	Smith's Falls	2,000
Burroughs Machines, Limited	Windsor	1,000,000
Ben Allen Telephone Company, Limited, The	Sarawak	650
Burrowite Explosives, Limited	Windsor	80,000
Bonds' Corners Telephone Company, Limited, The	Woodstock	420
Brantwood Place, Limited	Ottawa	250,000
British Talc and Mineral, Limited. (No personal liability)	Toronto	200,000
Brown, Limited, T.	Stratford	40,000
Barrett Land Company, Limited, The	Toronto	40,000
Bond, Limited, R. B.	Toronto	40,000
Brechin Milling Company, Limited, The	Brechin	40,000
Bates and Dodds, Limited	Toronto	150,000
Burkells, Limited	Toronto	1,000,000
Bonne Entente Co-operative Association, Limited	St. Charles	10,000
Bell Brothers, Limited	Port Arthur	40,000
Bidwell Oil and Gas, Limited. (No personal liability)	Toronto	1,000,000
Baines & David, Limited	Toronto	500,000
Beaumaris Land Company, Limited, The	Toronto	250,000
Brisco Company, Limited, R. M.	London	25,000
Border Cities' Hotel Company, Limited, The	Windsor	1,500,000
Boulton Company, Limited, The, A. H.	Windsor	250,000
Banigan, Armstrong & Thompson, Limited	Toronto	40,000
Brownlee, Limited, A. H.	Toronto	40,000
Bonnycastle Building, Limited	Toronto	500,000
Border Housing Company, Limited, The	Walkerville	500,000
Brisco's Wholesale Accessories, Limited	Chatham	100,000
Brisco, Limited, E. C.	Chatham	40,000
Beaver Films, Limited	Toronto	200,000
Boncraft Timber Company, Limited	Toronto	1,000,000
Belleville Sash & Door Co., Limited, The	Belleville	40,000
Bathurst Nut Krust, Limited	Toronto	20,000

List of Companies Incorporated for the Year Ending October 31st., 1920—*Continued.*

Name	Address	Capital
Beaver Truck Sales, Limited	Hamilton	$50,000
Brant Specialty Farms, Limited	Mohawk	60,000
Bailey Silver Mines, Limited. (No personal liability)	Toronto	1,250,000
Biemark Oil Company, Limited. (No personal liability)	Toronto	1,000,000
Bradley & Love, Limited	Toronto	100,000
British Canadian Machine and Tool Company, Limited	Toronto	500,000
British American Publishers, Limited	Toronto	40,000
Bellrock & Shimo Telephone Co., Limited, The	Bellrock	1,700
Bolt Cheese Factory, Limited, The	Alfred	2,000
Bilton Brothers Company, Limited	Toronto	200,000
Blue Garages, Limited	Kingston	50,000
Bunt, Limited, A. M.	Owen Sound	40,000
Briar Farm Dairy, Limited	Toronto	100,000
Brantford Golf and Country Club, Limited	Brantford	75,000
Bake-Rite, Limited	Toronto	375,000
Binnies, Limited	Toronto	50,000
Bannon Company, Limited, The	Toronto	40,000
Bonalene Products, Limited	Toronto	100,000
Beattie McIntyre, Limited	Toronto	100,000
Buckley, Limited, W. K.	Toronto	100,000
Brigden Brick and Tile Company, Limited	Brigden	40,000
Boudrealt, Limited	Ottawa	40,000
Burns, Limited, George R.	Toronto	50,000
Birch Lake Telephone Company, Limited, The	Webbwood	2,500
Bedford Park Floral Co., Limited	Toronto	250,000
Bousquet Gold Mines, Limited, The. (No personal liability)	Haileybury	2,000,000
Bulletin Presses of Collingwood, Limited	Collingwood	50,000
Blenheim Co-operative Company, Limited	Blenheim	25,000
Bastain-Morley, Limited	Toronto	300,000
Baldwin Construction, Limited	Toronto	40,000
Bexley Telephone Company, Limited, The	Bexley	1,000
Border Cities Social Club, Limited	Windsor	10,000
Barnard Machinery Co., Limited	Hamilton	200,000
Belleville Creameries, Limited	Belleville	150,000
Bagshaw, Limited, W. H.	Toronto	40,000
Brunswick Canadian Products Co., Limited	Woodstock	500,000
Brantford Bread Company, Limited	Brantford	40,000
Brant Telephone Company, Limited, The	Hanover	1,500
Blue-Ray Company, Limited	Toronto	40,000
Bloor Nut Krust, Limited	Toronto	20,000
Barton Nut Krust, Limited	Hamilton	20,000
Bowden and Sons Company, Limited, Frank A.	Toronto	200,000
Border Cities Oil and Gas Company, Limited	Windsor	100,000
Border Bottling Works, Limited	Windsor	40,000
C		
Carpquist Signs, Limited	Toronto	500,000
Coulter Wood Products, Limited	Hamilton	50,000
Cut-Soles, Limited	Galt	200,000
Canada Cutlery Company, Limited	Kingston	50,000
Canadian Triangle Conduit Company, Limited	Toronto	100,000
Canadian Fisheries & Storage Company, Limited	Port Stanley	150,000
Chateau Belvidere, Limited	Kingston	200,000
Calnay Cinema Corporation, Limited	Toronto	40,000
Conn, Limited	Kenmore	40,000
Clarke Rubber Heel Co., Limited	Toronto	200,000
Colonial Radiators, Limited	Hamilton	40,000
Canadian Color Type, Limited	Hamilton	50,000
Co-operative Skirt and Dress Manufacturing Company, Limited, The	Toronto	50,000
Combined Brush & Comb Company, Limited, The	Toronto	40,000
Chesley Garage, Limited, The	Chesley	50,000
Calabogie Co-operative Milling Company, Limited	Calabogie	25,000

List of Companies Incorporated for the Year Ending October 31st., 1920.—*Continued.*

Name	Address	Capital
Canadian Opinion Publishing Company, Limited	Toronto	$40,000
Central Foundry, Limited	Georgetown	40,000
Cockburn and Bachrack, Limited	Toronto	200,000
Canadian Farm Power & Machinery Co., Limited	Toronto	40,000
Caledonia Farmers Co-operative Company, Limited, The	Caledonia	10,000
Canadian Chick Hatchery Limited, The	Hamilton	40,000
Cleal Co., Limited, The Jos. P	Toronto	40,000
Canadian Phonograph Motors, Limited	Stratford	100,000
Canadian-American Resources, Limited	Toronto	50,000,000
Central Operating Company, Limited. (No personal liability)	Toronto	100,000
Colonial Printing Company, Limited	Toronto	40,000
Canadian Mine Shovel Company, Limited, The	Toronto	40,000
Carveth Gold Mines, Limited. (No personal liability)	Toronto	500,000
Corley Building Company, Limited, L. L. (No personal liability)	Toronto	40,000
Casper Cloth Company, Limited	Toronto	60,000
Cowan Hardware, Limited	London	100,000
Canada Candy Company, Limited, The	Toronto	40,000
Commercial Lumber Company, Limited	Toronto	40,000
Canadian Hart Products, Limited	Hamilton	500,000
Canadian Confectionery & Spice Company, Limited, The	Toronto	40,000
City Dye Works, Limited	Toronto	40,000
Crawford Skead Gold Mines, Limited. (No personal liability)	Chatham	1,000,000
Court Ambitious Building Committee, Limited	Hamilton	15,000
Canadian Fireclay Products, Limited	Toronto	40,000
Caledonia Front Cheese Factory, Limited The	Caledonia Springs	2,000
Charles Co., Limited, J. H	Dunnville	40,000
Corson Shoe Manufacturing Company, Limited, The	Toronto	600,000
Centre Thorah Telephone Company, Limited, The	Beaverton	600
Calhoun's, Limited	Hamilton	20,000
Callahan, Limited, R. E	Toronto	350,000
Chiswell Park, Limited	Hamilton	40,000
Canadian Reclaimers, Limited	Toronto	50,000
Canadian Wirebound Boxes, Limited	Toronto	300,000
Catto Company, Limited, John	Toronto	200,000
Colville Cartage Company, Limited	Toronto	60,000
Callaghan, Limited, E. J	Fort Frances	100,000
Crightons, Limited	Toronto	100,000
Chisholm Lumber Company, Limited, Robert G	Fort Frances	500,000
Calsodent Company, Limited	Toronto	100,000
Cardiff Molybdenite Mines, Limited. (No personal liability)	Toronto	40,000
Castellani Construction Company, Limited	Toronto	50,000
Canadian Metal Window and Steel Products, Limited	Toronto	250,000
County Motors, Limited	Grimsby	40,000
Cross Builders' Supply Company, Limited	Windsor	100,000
Central Canada Oil Company, Limited, The. (No personal liability)	Toronto	500,000
Campau Realty Company, Limited, A. M	Windsor	300,000
Canada Electric Castings, Limited	Orillia	40,000
Conroy-McAndrew Silver Mining Company, Limited. (No personal liability)	Toronto	100,000
Canadian Newspaper Service, Limited	Toronto	200,000
Cedar Point Company, Limited	Toronto	40,000
Culverhouse Bros., Limited	Toronto	60,000
Canadian Pen and Specialty Company, Limited	Toronto	40,000
Canadian Child Publishing Company, Limited, The	Toronto	200,000
Caledon Brick Company, Limited	Toronto	40,000
Carleton Land and Building Company, Limited	Carleton Place	100,000
Canadian Technical Products Co., Limited	Toronto	100,000
Capital Taxi Service Company, Limited	Ottawa	100,000
Concrete Brick Company of Canada, Limited	Windsor	40,000
Cutting, Limited	Toronto	40,000
Cellular Pneumatic Tire and Rubber Company of Canada, Limited	Toronto	250,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued*

Name	Address	Capital
Colyer Manufacturing Company, Limited, The F.	Toronto	$60,000
Canada Stores Company, Limited	Toronto	40,000
Commins & Moffatt, Limited	Toronto	50,000
Commercial Agency Company, Limited, The	Toronto	40,000
Canadian Miller Tire and Rubber Company, Limited	Toronto	40,000
Cowan Engineering Company, Limited, The	Toronto	40,000
Challenger Gold Mining Company, Limited. (No personal liability)	Toronto	110,000
Canadian Casey Cobalt Company, Limited. (No personal liability)	Toronto	250,000
Canadian Timber Company, Limited	Toronto	1,000,000
Carr Pattern and Tool Company, Limited, The	Hamilton	40,000
Crow Company, Limited, The, James	Toronto	40,000
Canadian-Observer, Limited, The	Sarnia	100,000
Copeland Flour Mills, Limited	Midland	2,000,000
Canadian Edison Phonographs, Limited	St. Thomas	500,000
Canadian Pigments and Chemicals, Limited	Toronto	150,000
Canadian Educational Films, Limited	Toronto	50,000
Canadian Hoffman Machinery Company, Limited	Toronto	40,000
Champlain Point Telephone Company, Limited	Orillia	64,000
Canada Heaters, Limited	Toronto	100,000
Canadian Pattern & Castings Company, Limited	Walkerville	25,000
Cataract Co-operative Company, Limited, The	Fenelon Falls	25,000
Craig Company of Toronto, Limited, The, W. G.	Toronto	500,000
Canadian Elgin Watch Company, Limited	Toronto	250,000
Cornwall Pulp and Paper Company, Limited, The	Toronto	200,000
Copeland Shoepack Company, Limited	Midland	40,000
Croteau and Clark Co., Limited	Essex	25,000
Crang's Garage, Limited	Toronto	40,000
Cinnamon Drug Store Company, Limited, The	Toronto	40,000
Clark Metals, Limited	Toronto	100,000
Calder Pulp and Timber Company, Limited	Niagara Falls	250,000
Carveth Gold Mines, Limited. (No personal liability)	Toronto	3,000,000
Christie Electric Company, Limited, The, R. E.	Guelph	40,000
Canadian Lactocal Glue Company, Limited	Toronto	40,000
Carscallen, Limited, A. B.	Tamworth	50,000
Canadian Trucks, Limited	Toronto	150,000
Curran & Briggs Limited	Toronto	200,000
Collapsible Tubes & Containers, Limited	Toronto	14,000
Champion Rubber Company, Limited	Toronto	50,000
Classic Housing Company, Limited, The	Stratford	100,000
Central Foundation Company Limited	Toronto	10,000
Commercial Sales Company, Limited	Toronto	50,000
Continental Match Company, Limited	Toronto	50,000
Canadian Compounds, Limited	Toronto	70,000
Canadian Clay Company, Limited	Toronto	50,000
Clifton Aero Company, Limited	Niagara Falls	40,000
Canadian Pocket Umbrella Company, Limited	Toronto	200,000
Canadian Vulcanizer and Equipment Company, Limited	London	70,000
Courseys, Limited	Windsor	40,000
Canadian Tobacco Growers Co-operative Company, Limited	Leamington	250,000
Cerebos of Canada, Limited	Toronto	40,000
Canadian Associated Goldfields, Limited. (No personal liability)	Toronto	30,000,000
D		
Delphic Press, Limited, The	Toronto	20,000
Diamond Textile Products, Limited	Toronto	50,000
Dominion Rubber System Housing Co. (Waterloo) Limited	Kitchener	100,000
Dominion Rubber System Housing Co., (Kitchener) Limited	Kitchener	200,000
Dominion Wine Growers, Limited	Toronto	100,000
Dominion Chemical Products, Limited	Toronto	300,000
Daly Coal Company, Limited	London	40,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued.*

Name	Address	Capital
Dominion Accessories, Limited	Toronto	$40,000
Dier's Railway Telegraph School, Limited	Ottawa	25,000
Dominion Motor Castings, Limited	Windsor	250,000
Douglas Packing Company, Limited	Cobourg	1,000,000
Dinsmore Company, Limited, S. E.	Windsor	50,000
Doran Oil and Gas Company, Limited, The	Meaford	100,000
Davis Bros., Limited	Hamilton	200,000
Dominion Electric Supply Company, Limited	Toronto	40,000
Dundas Plate Glass Company, Limited	Toronto	200,000
Don Valley Brick Works, Limited, The	Toronto	1,000,000
Deloro Chemical Company, Limited	Deloro	500,000
Deer Park Golf & Country Club, Limited, The	Grimsby East	50,000
Detroit River Construction Company, Limited	Windsor	40,000
Denton, Mitchell & Duncan, Limited	Toronto	700,000
Durham Amusement Company, Limited, The	Durham	30,000
Directories, Limited, A. B. C.	Toronto	50,000
De Luxe Upholstering Company, Limited	Kitchener	50,000
Dufferin Oil Company, Limited. (No personal liability)	Toronto	1,000,000
Davies Footwear Company, Limited, The	Toronto	1,000,000
Dunlop's, Limited	Toronto	90,000
Dale Estate, Limited	Brampton	500,000
Dean Canoe and Boat Company, Limited, Walter	Toronto	100,000
Duskil Mop Company of Canada, Limited, The	London	40,000
Drimilk Company, Limited, The	Toronto	150,000
Dunlop & Son, Limited, John H.	Richmond Hill	150,000
Desboro Telephone Company, Limited, The	Desboro	10,000
Ductite Steel Company, Limited	Toronto	1,500,000
Duggan, Limited, J. A.	Stratford	150,000
Davidson & Company, Limited, James	Fort William	40,000
Dalton Adding Machine Company of Canada, Limited	Toronto	40,000
Dunn & Levack, Limited	Toronto	40,000
Delahay-Cone Manufacturing Company, Limited, The	Brockville	50,000
Dingwall Telephone Company, Limited, The	East Zorra	600
Diffin Construction and Supply Company, Limited	Welland	40,000
Durham Chemical Company, Limited, The	Durham	25,000
Dominion Brass Products, Limited	Toronto	40,000
E		
Egypt Telephone Company, Limited, The	Gamebridge	100,000
Excelsior Fur Company, Limited	Toronto	40,000
Eldorado Cheese and Butter Co-operative Company, Limited	Eldorado	2,000
Edward Press, Limited	Toronto	40,000
European Steamship Agency (Toronto), Limited	Toronto	40,000
Eastnor Threshing Company, Limited	Lion's Head	10,000
Engravers and Die Sinkers, Limited	Toronto	40,000
Eagle Oil and Gas Company, Limited. (No personal liability)	Toronto	500,000
Eastern Storage Warehouse Company, Limited	Toronto	100,000
Extract Company, Limited, The, C. A.	Toronto	50,000
Escott Centre Cheese Company, Limited, The	Escott Centre	5,000
Epps Manufacturing Company, Limited, The, C. P.	Goderich	40,000
Earl Mansions (First) Limited	Toronto	80,000
Excelsior Raincoat Company, Limited	Toronto	40,000
East Woodville Telephone Company, Limited	Woodville	22,100
Essex Cotton Mills, Limited	Walkerville	40,000
Eldon Creamery, Limited	Lorneville	50,000
Ethical Drug Products, Limited	Toronto	40,000
Eclipse Counterbore Co., Limited	Walkerville	40,000
Estel's, Limited	Toronto	750,000
Empire Sales, Limited	Toronto	40,000
Ericson Marine and Air raft, Limited	Toronto	250,000
Empire Motors, Limited	Toronto	250,000
Edwards & Edwards, Limited	Toronto	500,000

List of Companies Incorporated for the Year Ending October 31st., 1920.—*Continued.*

Name	Address	Capital
Eureka Oil & Gas Company, Limited. (No personal liability	Toronto	$500,000
Equator Films, Limited	Hamilton	40,000
Eastern Ontario Milk Products Company, Limited	Gananoque	150,000
Empiric Company, Limited	Toronto	40,000
Electro Medical Appliance Company, Limited	Toronto	50,000
Elizabeth Best Chocolates, Limited	Peterborough	40,000
Electro Mechanical Advertising, Limited	Toronto	50,000
Easy Washing Machine Company, Limited	Toronto	400,000
Eldon Union Telephone Company, Limited	Lorneville	11,070
Eby-Blain-Watson, Limited	New Liskeard	100,000
Engineering Services, Limited	Toronto	40,000
Essex Brick Works, Limited	Essex	25,000
Edmunds Company, Limited, J. H.	Toronto	100,000
Excelsior Telephone Company, Limited, The	West Oxford	1,500
F		
Federal Mining Company, Limited. (No personal liability)	Port Arthur	40,000
Feldspar Products Company, Limited. (No personal liability)	Toronto	1,000,000
Ferguson & McDonnell, Limited	Cutler	20,000
Firestone Park Housing Company, Limited	Hamilton	1,000,000
Festing & Sons, Limited, J. T.	St. Catharines	50,000
Finch & Anderson, Limited	Toronto	200,000
Fruitland Co-operative Company, Limited	Fruitland	10,000
Fuel Burner Company, Limited	Toronto	45,000
Forest Home Telephone Company, Limited	Orillia	3,360,000
Frid Construction Company of Toronto, Limited	Toronto	40,000
Fearman & Co., Limited, Harry H.	Hamilton	40,000
Fogg Timber and Contracting Company, Limited	Timmins	40,000
Fairy Toys, Limited	Toronto	40,000
Farmers' Auto Accessories, Limited	Toronto	250,000
Fuel Oil Engineering Company, Limited	Toronto	100,000
Fisher Company, Limited, The, James	Sudbury	200,000
Financial Underwriters, Limited	Toronto	250,000
Fitzroy Farmers Milling Company, Limited, The	Kinburn	50,000
Fort Frances Union Co-operative Company, Limited, The	Fort Frances	25,000
Frame Porcupine Mines, Limited. (No personal liability)	Toronto	3,360
Fry & Blackhall, Limited	Wingham	50,000
Frontenac Securities, Limited	Toronto	40,000
Fisher, McFayden, Limited	Lindsay	30,000
Forbes, Limited, S. S.	Hamilton	40,000
Federal Feldspar, Limited	Toronto	40,000
Farmers Elevator & Supply Company of Unionville, Limited	Unionville	20,000
Fraser Telephone Company, Limited	East Zorra	750,000
Falls Combination Desk Company, Limited, The	London	40,000
Fuel Saving Corporation, Limited	Toronto	40,000
Farah & Sons, Limited, K.	Toronto	500,000
Farmers' Driving Shed of Elmira, Limited, The	Elmira	20,000
Francis, Limited	Port Arthur	40,000
Frankel Manufacturing Company, Limited, The	Toronto	40,000
Fromagerie de Blezard Valley, Limited	Blezard Valley	10,000
French Ivory Products, Limited, The	Toronto	150,000
Feetham's Quality Store, Limited	Sault Ste. Marie	40,000
Fox & Company, Limited, H. N.	Leamington	20,000
Fitzsimons Motor Bodies, Limited	Lindsay	40,000
Fairview Telephone Company, Limited, The	East Zorra	700
Farmers' Auto Accessories, Limited	Toronto	250,000
G		
Gray and Bryan, Limited, T. W.	Woodstock	100,000
Gardeners', Limited, E. H.	Pembroke	40,000
Gould Allied Mines, Limited. (No personal liability)	Ottawa	2,000,000

List of Companies Incorporated for the Year Ending October 31st, 1920.—*Continued*

Name	Address	Capital
General Examining and Developing Company, Limited. (No personal liability)	Toronto	$1,000,000
Grey Furniture Company, Limited, The	Neustadt	250,000
General Services, Limited	Toronto	100,000
Goodyear Tire & Rubber Company of Canada, Limited, The	New Toronto	30,000,000
Guidal, Limited, A. E.	Toronto	100,000
Goderich Amusements Company, Limited	Goderich	40,000
Grand Valley Fruit Farms, Limited, The	Toronto	40,000
General Phonograph Corporation of Canada, Limited	Toronto	500,000
General Accessories, Limited	Toronto	100,000
Guelph Outfitters, Limited, The	Guelph	50,000
General Bond Corporation, Limited	Toronto	40,000
General Securities Corporation, Limited	Toronto	100,000
Gelber Brothers, Limited	Toronto	500,000
Gravenhurst Masonic Temple Company, Limited	Gravenhurst	10,000
Greig-Morris, Limited	Toronto	40,000
Gawas and Shore-Road Telephone Company, Limited, The	Richard's Landing	3,200
Glasscoat Sewerpipe & Conduits, Limited	Toronto	250,000
General Top Company of Canada, Limited	Toronto	300,000
Graphite Oils, Limited	Toronto	500,000
Goulding Company, Limited, E. W.	Toronto	100,000
Gibson Gold Mines, Limited. (No personal liability)	Toronto	1,000,000
Groves, Limited, John	Gravenhurst	40,000
Grotto, Limited, The	Toronto	40,000
Gowganda Engineering and Construction Company, Limited, The	Toronto	40,000
Gorrie Company, Limited, A. D.	Toronto	750,000
Guelph Rural Co-operative Company, Limited	Guelph	15,000
Giroux & Company, Limited, J. O.	Whitby	40,000
Gordon Bros., Limited	Toronto	40,000
Goldie Construction Company, Limited, The	Toronto	50,000
Glencoe Rink Company, Limited, The	Glencoe	20,000
Galt Industrial Housing Company, Limited	Galt	100,000
Guilds Co-operative Store Company, Limited, The	Blenheim	10,000
Greens, Hamilton, Limited	Hamilton	250,000
Griffin Shoe Company of Ingersoll, Limited, The	Ingersoll	40,000
H		
Hotel Realty, Limited	Toronto	40,000
Hills-Janesen Company, Limited	Walkerville	40,000
Hansher, Levinne, Limited	Toronto	40,000
Hanover Lumber Company, Limited, The	Hanover	40,000
Hunt's, Limited	Toronto	200,000
Hagersville Rink Company, Limited, The	Hagersville	20,000
Hudson Porcupine Gold Mines, Limited, (No personal liability)	Toronto	1,500,000
Hyde Shoe Manufacturing Company, Limited	Toronto	40,000
Hillcrest Building Company, Limited, The	Toronto	40,000
Hambly Bros., Limited	Toronto	40,000
Haddon Book Shop, Limited	Toronto	40,000
Highway Gardens, Limited	Hamilton	250,000
Hamilton Nut Krust, Limited	Hamilton	20,000
Harrington Bros., Limited	Brantford	40,000
Hope Lumber Company, Limited	Thessalon	750,000
Howie, Limited, R.	Toronto	50,000
Hall, Limited, John M.	Toronto	100,000
Height of Land Mining Syndicate, Limited. (No personal liability)	Toronto	50,000
Hudson Investments, Limited	Toronto	40,000
Hamilton, Cake & Biscuit Co., Limited	Hamilton	40,000
Hamilton-Soaps, Limited	Hamilton	100,000
Hardy's, Limited	Fort William	40,000
Hawk Lake Lumber Company, Limited	Monteith	40,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued*

Name	Address	Capital
Hayward Company, Limited, The, F. G.	Toronto	$300,000
Hillsburg Co-operative, Limited	Hillsburg	40,000
Hold-Mar Vacuum Piston, Limited	Toronto	100,000
Haugh Lumber Company, Limited, The	Windsor	40,000
Hotel Arlington Company, Limited, The	Toronto	100,000
Hanover Amusement Club, Limited, The	Hanover	40,000
Hardware Products, Limited	Toronto	40,000
Hamilton Storage Batteries, Limited	Hamilton	30,000
Highland-Kirkland-Mines, Limited. (No personal liability)	New Liskeard	100,000
Home Needs, Limited	Toronto	100,000
Hamilton Market Refrigerating Co., Limited	Hamilton	40,000
Holden Tire & Rubber Company, Limited, J.P.	Toronto	40,000
Hutner Cloak Company, Limited	Toronto	100,000
Hargrave Consolidated Mines, Limited. (No personal liability)	Toronto	2,500,000
Hughes-McElroy Gold Mines, Limited. (No personal liability)	Toronto	2,500,000
Hercules Rubber Goods, Limited	Toronto	500,000
Hickey's, Limited	Toronto	40,000
Hamilton Theatres, Limited	Toronto	1,250,000
Hyatt Sons, Limited, John W.	Westlake	40,000
Edward Hawes & Co., Limited	Toronto	40,000
Halton Farmers' Co-operative, Limited	Milton	40,000
Hamilton Wood Products Company, Limited	Hamilton	30,000
Hunter, Limited, H. G.	Toronto	40,000
Holding and Coleman, Limited	Toronto	40,000
Hubbell Manufacturing Company, Limited, The	Toronto	40,000
Herman Exploration and Development Company, Limited, The	South Porcupine	25,000
Hamilton Canoe Company, Limited, The	Hamilton	40,000
Hill and Company, (Exports and Imports), Limited	Toronto	200,000
Hanover Cotton and Woollen Mills, Limited	Hanover	500,000
Hickok Manufacturing Company, Limited, The	Toronto	100,000
Hall, Knight-Kraft, Limited	Toronto	100,000
Huntsville Club, Limited, The	Huntsville	5,000
Hercules Bumpers, Limited	Toronto	40,000
Homer Club, Limited, The	Oshawa	10,000
Humphrey Company, Limited, F. W.	Toronto	300,000
Hamilton Contracting Co., Limited	Hamilton	40,000
Huron Fur Dressing & Dyeing Company, Limited	Toronto	10,000
Hespeler Wood Specialty Company, Limited, The	Hespeler	100,000
Hart & Co., Limited, S. R.	Toronto	125,000
Hinkley-Moore Company, Limited	Sault Ste. Marie	75,000
Harvey-Kirkland Gold Mines, Limited. (No personal liability)	Toronto	1,500,000
Hydrola Phonograph Company, Limited, The	Toronto	200,000
High Park Foundry Company, Limited	Oshawa	200,000
Haldimand Cheese and Butter Company, Limited, The	Vernonville	4,000
Hamilton Wirebound Box Company, Limited, The	Hamilton	40,000
Hefferman & Company, Limited, R. N.	Ottawa	40,000
Home Building Association, Limited, The	Sarnia	100,000
I		
Industrial Engineering Company of Canada, Limited, The	Toronto	20,000
Insulation and Moulded Products, Limited	Toronto	80,000
Ideal Cabinets, Limited	Toronto	40,000
Invincible Spark Plug Company, Limited	Toronto	125,000
Iowa Canadian Mining Company, Limited, The. (No personal liability)	Dryden	40,000
International Automobile School, Limited	Toronto	20,000
I. X. L. Manufacturing Company, Limited, The	Palmerston	40,000
International Paper Products, Limited	Toronto	250,000
Ivey Storage Batteries, Limited	Toronto	500,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued*

Name	Address	Capital
Interlake Tissue Mills Co., Limited	Toronto	$1,000,000
Industrial Sites, Limited	Hamilton	100,000
Instantaneous Electric Heater (Canada), Limited	Toronto	250,000
Interlocking Tile Company, Limited	Toronto	135,000
Innisfree, Limited	Lefroy	50,000
Iroquois-Kirkland Mines Corporation, Limited (No personal liability)	Toronto	2,000,000
International Investments, Limited	Hamilton	300,000
Indiana-Ojibway Land Company, Limited	Windsor	25,000
Ideal Knitting Mills, Limited	Toronto	40,000
Industrial Planning Corporation, Limited	Toronto	20,000
International Steamship Ticket Agency, Limited	Toronto	50,000
International Screencraft Company, Limited, The	Sault Ste. Marie	1,500,000
Inventors Syndicate, Limited	Toronto	300,000
Ilderton Farmers' Co-operative Company, Limited	Ilderton	25,000
Interlocking Cord Tire & Belt Co., Limited, The	Toronto	1,500,000
Isaacs, Limited, M. J.	Ottawa	19,500
Independent Company of Adelaide, Limited	Adelaide	40,000
Inrig Shoe Company, Limited, The	Richmond Hill	100,000
Independent Cleaners & Dyers, Limited, The	Toronto	40,000
International Appraisals, Limited	Hamilton	40,000
Instant Heat Company, Limited	London	50,000
Ingleside Telephone Company, Limited, The	East Oxford	1,500
International Prospecting and Developing Company, Limited, The	Ottawa	1,000,000
J		
James Bay Fur Company, Limited	Toronto	24,000
Jackson Drier Company, Limited	Toronto	100,000
Johnston Company, Limited, L. H.	Chatham	40,000
Jarvis & Company, Limited, Aemilius	Toronto	500,000
Johnson Realty Company, Limited	Guelph	200,000
Jacobs & Goodman, Limited	Toronto	40,000
Jobson Industrial Films, Limited	Toronto	100,000
Johnson & Son, Limited,	Toronto	60,000
Japanese Textiles, Limited	Toronto	50,000
Jarvis Record Printing Company, Limited	Jarvis	40,000
Joseph & Company, Limited	Kitchener	40,000
Junction Nut Krust, Limited	Toronto	20,000
Jacoby & Company, Limited, S. H.	Toronto	40,000
Jones Box and Label, Limited	London	150,000
Jones Motors, Limited	Toronto	40,000
Johnston & Boon Co., Limited	Toronto	200,000
Jorgensen & Kirk, Limited	Port Arthur	40,000
Jennings Company, Limited, The, W. B.	St. Thomas	40,000
Jackson, How & Brookes, Limited	Toronto	40,000
K		
Kalgoorlie-Kirkland Gold Mines, Limited. (No personal liability)	Toronto	2,000,000
Kincardine Country Club (Private), Limited	Kincardine	25,000
Kennedy Car Liner & Bag Company, Limited, The	Woodsock	100,000
Kotal Company of Canada, Limited	Toronto	40,000
Kenwood Community, Limited	Toronto	50,000
Kyto Oil & Gas Co., Limited	Windsor	99,000
Kaministiquia Lumber Company, Limited	Fort William	200,000
Kirk, Limited, James	Hamilton	50,000
Kratz and Hall Lumber Company, Limited	Vineland	50,000
Kingsmills, Limited	London	250,000
Kilroy Columbus Company, Limited, The	Stratford	40,000
Kinzinger-Bruce, Limited	Niagara Falls	250,000
Kates, Limited	Toronto	40,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued.*

Name	Address	Capital
Kerr, Limited, Gordon	Malton	$40,000
Kingston Hotel Co., Limited	Kingston	300,000
Kingston Agencies, Limited	Kingston	50,000
Kitchener Oil Company, Limited	Kitchener	40,000
King (Overseas), Limited, A. S.	Toronto	40,000
Kitchener Crescent Theatre, Limited	Toronto	50,000
Kitchener Construction Company, Limited	Kitchener	100,000
Kinsman Company, Limited, The F.	Fonthill	24,000
Kingston Clinical Association, Limited, The	Kingston	100,000
Krehm Bros. & Co., Limited	Toronto	100,000
Keystone Coal Company, Limited, The	Toronto	40,000
Kimber and Hillier Manufacturing Company, Limited	St. Catharines	45,000
Kilmer & Barber, Limited	Toronto	300,000
Karn Piano Company, Limited	Toronto	500,000
Kitchener Kirkland Mines, Limited. (No personal liability)	Kitchener	3,000,000
Kirkland King Gold Mines, Limited. (No personal liability)	Toronto	2,500,000
Kingston Auto Sales Company, Limited	Kingston	50,000
Key-Bolts & Rail-Anchors, Limited	Toronto	150,000
Kemp Realty Company, Limited	Stratford	40,000
Kalbfleisch Brothers, Limited	Stratford	150,000
Kemptville Farmers, Limited	Kemptville	25,000
Kingston Smelting and Refining Company, Limited, The	Kingston	1,000,000
Kitty Grey, Limited	Toronto	50,000
Kaministiqua Pulp & Paper Company, Limited	Toronto	1,000,000
L		
Ladies' Apparel, Limited	Toronto	40,000
Lion Tire and Rubber Company, Limited	Toronto	2,500,000
Leinbach-Humphrey & Roberts, Limited	Windsor	40,000
La Santa Lucia Gold Mines, Limited. (No personal liability)	Toronto	1,000,000
Laurel Stock Yards Company, Limited, The	Laurel	1,000
Long, Limited, F. F.	Campbellford	40,000
Lansdowne Nut Krust, Limited	Toronto	20,000
Lee Valley Rural Telephone Co., Limited	Lee Valley	2,400
London Memorial Labor Temple, Limited	London	100,000
Lafay Company, Limited, A. J.	Toronto	110,000
London Paper Company, Limited	Toronto	150,000
Long and Sons, Limited, Robert	Toronto	100,000
Little Co., Limited, A.	Galt	40,000
London Business College, Limited	London	75,000
Lowes Buildings, Limited	Toronto	250,000
Loblaw Groceterias, Limited, The	Toronto	300,000
Lincoln Basket Company, Limited	St. Catharines	40,000
Langley Park, Limited	Toronto	100,000
Laurel Hosiery Company, Limited	Paris	50,000
Loon Lake Hunting Club, Limited	Brantford	40,000
Langley, Harris & Company, Limited	Toronto	200,000
Life Protection Association of Canada, Limited	Toronto	400,000
Lasage, Limited, Pearl	Toront	40,000
Leamington Tobacco Company, Limited	Toronto	500,000
Lebel Crystal Lake Gold Mines, Limited. (No personal liability)	Kirkland Lake	3,000,000
Lillie & Company, Limited, John A.	Toronto	40,000
Lebskin Drug Company, Limited, J.	Toronto	40,000
Little Britain Community Company, Limited	Little Britain	30,000
Lombard Development Company, Limited	Toronto	40,000
London Bond Corporation, Limited	London	100,000
Lindsay Roman Catholic Cemetery, Limited	Lindsay	140,000
Liquor Imports, Limited	Kenora	100,000
Lightning River Gold Mines, Limited. (No personal liability)	Cobalt	3,000,000
Lackie, Grenier Fur Company, Limited	Toronto	40,000
Locke-Wade Company, Limited, The	Welland	40,000
London Nut Krust, Limited	London	20,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued.*

Name	Address	Capital
Larder Estates, Limited	Toronto	$50,000
Lalonde, Limited. R. E.	Cochrane	40,000
Langemarck Hall Company, Limited, The	London	40,000
Langley's Limited	Toronto	250,000
Lennard Machine Tool Company, Limited	Toronto	40,000
Lithographed Products, Limited	Toronto	25,000
Little Giant Manufacturing Company, Limited	North Bay	25,000
Lincoln Woollen Mills, Limited, The	Toronto	40,000
Lundy Dustless Street Sweepers, Limited	Brantford	250,000
Lees & Co., Limited, Geo. H.	Hamilton	250,000
Listowel Golf and Country Club, Limited, The	Listowel	25,000
Lundy's, Limited	Windsor	40,000
Lafayette Silver Mines, Limited. (No personal liability)	Toronto	750,000
Lyndhurst Farmers' Co-operative Company, Limited, The	Lyndhurst	10,000
Larsen & Shaw, Limited	Walkerton	40,000
Lebel Oro Mines, Limited. (No personal liability)	Toronto	1,500,000
Lumbers, Haberdashers, Limited	Toronto	50,000
Lech & Sons, Limited, William	Peterborough	100,000
London Brush Company, Limited, The	London	40,000
Lightning Change Rim, Limited	Toronto	300,000
Lines & Co., Limited	Toronto	50,000
M		
Motor Car Distributors, Limited	Toronto	100,000
Murray Crawford, Limited	Campbellville	60,000
Machinery & Supplies, Limited	Toronto	40,000
Menzies, Limited, R. W.	Toronto	20,000
Maple Farmers Co-operative Company, Limited, The	Maple	10,000
March Gold, Limited. (No personal liability)	Toronto	1,500,000
Murray Townsite Company, Limited	Sudbury	120,000
Murray Building, Limited	Toronto	300,000
Muntz and Beatty, Limited	Toronto	100,000
McLaurin Development Company, Limited. (No personal liability)	Toronto	50,000
Mount Albert Farmers Club Co-operative, Limited, The	Mount Albert	10,000
Mechanical Trades Company, Limited	Toronto	40,000
Mersea Farmers, Limited	Leamington	40,000
Murray Townsite Mines, Limited, The	Sudbury	120,000
Midwest Development Company, Limited	Toronto	3,500,000
Moffatt Motor Sales, Limited	Oshawa	20,000
Manning Bros., & Co., Limited	Toronto	100,000
McCahill & Co., Limited, Neil	Forest	50,000
Mohawk Trading Corporation, Limited	Toronto	1,000,000
Mutual Bond and Securities Corporation, Limited	Toronto	100,000
Merchandise Outlet, Limited	Toronto	50,000
Moores, Limited	Toronto	200,000
Madewell Clothing Company, Limited, The	Toronto	100,000
Melvin Cheese and Butter Company, Limited, The	Winchester	10,000
Milverton Furniture Company, Limited, The	Milverton	200,000
Mount Hamilton Co-operative Society, Limited	Mount Hamilton	25,000
Motor Sundries Corporation, Limited	Toronto	500,000
McCredie, Limited, A. L.	Toronto	300,000
Mercantile Brokers, Limited	Guelph	100,000
McDonald Remedies, Limited	Toronto	40,000
Mortimer and Richmond, Limited	Hamilton	100,000
Mortgage Discount and Finance, Limited	Toronto	2,000,000
Manitoulin Oil Company, Limited. (No personal liability)	Toronto	1,000,000
Mack Storage Battery Company of Canada, Limited	Toronto	100,000
Modern Implements, Limited	Walkerville	100,000
Mount Granite Telephone Company, Limited	Sault Ste. Marie	3,200
Murray Stock Food and Remedy Company, Limited	Dublin	20,000
McKechnie Music Company, Limited, The	Ottawa	40,000
Munroe Mining Company, Limited, Jack. (No personal liability)	Toronto	1,000,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued.*

Name	Address	Capital
McLaren, Limited, J. A.	Toronto	$350,000
Midland Co-operative Society, Limited, The	Midland	25,000
Marvel Company, Limited, The	Welland	50,000
Maple Leaf Oil and Gas Company, Limited, The	Wellandport	320,000
Mosher's Arcadia, Limited	Toronto	350,000
Motors Finance Company, Limited	Toronto	40,000
Modern Wood Products Company, Limited	Milverton	60,000
Milmer, Limited, W. D.	Napanee	100,000
McCarthy Aero Service, Limited	New Liskeard	40,000
Manse Grove Telephone Company, Limited, The	Lorneville	4,500
Malcolmson's, Limited	Chatham	50,000
Maguire Contracting Company, Limited, Jno.	Toronto	40,000
Moore's Model Dairy, Limited	Toronto	150,000
Mitchell, Limited, W. & J.	Toronto	40,000
McEachern Company, Limited, W. T.	Port Arthur	75,000
McClain Development Corporation, Limited	Toronto	100,000
McIrvine, Limited	Chatham	50,000
Mutch & Hamilton, Limited	Toronto	40,000
McCormick Mfg. Co., Limited	London	2,000,000
Mutual Credit Corporation, Limited	Toronto	300,000
Moffatt-Hall Gold Mines, Limited. (No personal liability)	Haileybury	3,000,000
Malcolm & Hill, Limited	Kitchener	600,000
Muirheads, Yonge St., Limited	Toronto	100,000
McFauls, Limited	Owen Sound	40,000
McIntyre & Campbell, Limited	Cornwall	40,000
Mathewson Hardware, Limited	Toronto	75,000
Mid-West Lands, Limited	Toronto	40,000
Martin & Smith, Limited	Toronto	50,000
McPhillips, Limited, W.	London	150,000
Matthews & Slade, Limited	Toronto	40,000
Mackenzie Land and Development Company, Limited, The	Fort William	50,000
Meaford Steel Products, Limited	Meaford	250,000
Macdonald's Men's Wear, Limited	Ottawa	100,000
Milverton Flax Company, Limited, The	Milverton	40,000
Miller Lake Silver Star Mines, Limited. (No personal liability)	Gowganda	2,000,000
MacFarlane Engineering, Limited, G. W.	Paris	500,000
McIntosh, Limited, J.	St. Catharines	125,000
Mutual Creamery Company, Limited	Toronto	150,000
Melbournes, Limited	Toronto	40,000
McIrvines, Brantford, Limited	Brantford	100,000
Marchment Company, Limited	Toronto	130,000
Mount McKay Feed Company, Limited	Fort William	50,000
Muskoka Quarries, Limited	Toronto	300,000
Morewood Union Cheese and Butter Company, Limited, The	Morewood	10,000
Moose Creek Farmers' Co-operative Company, Limited, The	Moose Creek	10,000
Metallic Window Screen Company, Limited	Toronto	40,000
Motor Accessories and Supplies, Limited	Kitchener	40,000
Maple Shade Telephone Company, Limited	East Zorra	600
Motor Depot, Limited	Toronto	100,000
Montreal (Ontario) Telephone Company, Limited, The	Brechin	2,530
Maxwell, Burn and Company, Limited	Toronto	40,000
Mutual Agency, Limited	Toronto	75,000
Mills, Limited, H. J.	Richmond Hill	40,000
McKay-Munroe, Limited	Toronto	10,000
Mason Tire and Rubber Company, Limited, The	Toronto	10,000
Myles Shoe Company, Limited	Toronto	200,000
N		
New Idea Cafeteria, Limited, The	Ottawa	40,000
News Printing Co. of Tillsonburg, Limited, The	Tillsonburg	10,000
Niagara Citizens Co-operative Association, Limited	Niagara Falls	50,000
Nautical Togs, Limited	Toronto	150,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued.*

Name	Address	Capital
Niagara Sand Co., Limited	Toronto	$250,000
North Bay Co-operative Society, Limited, The	North Bay	25,000
Newport Shoe Company, Limited, The	Toronto	75,000
Nottawasaga Co-operative Company, Limited, The	Creemore	5,000
Newman & Company, Limited, L.	Toronto	20,000
Northern Pulpwoods and Transport Company, Limited	Toronto	500,000
Niagara District Grapegrowers, Limited	St. Catharines	500,000
National Inks, Limited	London	40,000
North American Feldspar, Limited	Toronto	60,000
"Nobility Chocolates" Company, Limited	St. Thomas	1,000,000
Nitro Electric Company, Limited	Toronto	40,000
No-Eg Products Company, Limited	Toronto	400,000
North Toronto Homes, Limited, The	Toronto	40,000
North Toronto Theatre, Limited	Toronto	50,000
Niagara District Industrial Co-operative Society Limited, The	Toronto	25,000
Northern Mexico Power and Development Company, Limited	Toronto	13,000,000
National Cartridge Co., Limited	Toronto	65,000
Northland Gold Mines, Limited. (No personal liability)	Haileybury	2,000,000
Northern Customs Mines, Limited. (No personal liability)	Toronto	1,000,000
National Building Company, Limited	Toronto	400,000
National Motor Corporation Limited, The	Toronto	50,000
North American Lumber Company, Limited	Toronto	100,000
Nipissing Financial Company, Limited	Toronto	40,000
National Reed and Rattan Company, Limited, The	Toronto	100,000
Nelson & Maltila, Limited	Port Arthur	40,000
New Toronto Leather Works, Limited	New Toronto	40,000
Niagara Falls Homes, Limited	Niagara Falls	250,000
Nut Krust Factories, Limited	Toronto	25,000
Newman Coal & Coke Company, Limited	Toronto	10,000
Niagara Falls Victoria Theatres, Limited	Niagara Falls	350,000
None Such Mince Meat, Limited	Toronto	40,000
North Bay Times, Limited	North Bay	40,000
Northcrown Porcupine Mines, Limited. (No personal liability)	Toronto	3,000,000
New Harris Mines, Limited	Toronto	40,000
Nipigon Fibre and Paper Mills, Limited	Port Arthur	1,000,000
National Show Case Company, Limited	Toronto	40,000
Newmarket Farmers Co-operative Company, Limited, The	Newmarket	10,000
Nepigon Terminals, Limited	Port Arthur	40,000
Northern Extension Cobalt Mines, Limited. (No personal liability)	Toronto	100,000
O		
Orpheum Theatre, Limited	Toronto	40,000
Orton Motor Company, Limited	Petrolia	5,000
Ontario Engraving Company, Limited	Hamilton	40,000
Ontario Paint & Varnish Company, Limited	Toronto	40,000
Ontario Production Company, Limited. (No personal liability)	Toronto	600,000
Orono Farmers Co-operative Company, Limited	Orono	10,000
Oak Tire & Rubber Company, Limited, The	Toronto	3,000,000
Oakwood Amusement Company, Limited, The	Toronto	250,000
Ontario Dolomite Manufacturing Company, Limited, The	Toronto	100,000
Oshawa Improvements Company, Limited, The	Oshawa	500,000
Owen Sound Golf and Country Club, Limited	Owen Sound	100,000
Ontario Newspaper Corporation, Limited	Toronto	300,000
Oxley Beach Hotel Company, Limited	Harrow	150,000
Ottawa Nukol Co., Limited	Ottawa	1,000,000
Ontario Cement, Limited	Brantford	600,000
Oil and Gas Producers, Limited. (No personal liability)	Toronto	300,000
Oshawa Nut Krust, Limited	Oshawa	20,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued.*

Name	Address	Capital
Ontario Smelters and Refiners, Limited	Chippawa	$750,000
Ontario Veterinary and Breeders Supply, Limited	Toronto	10,000
Opeongo Mica Mines, Limited. (No personal liability)	Renfrew	500,000
Ontario Warehouse Company, Limited	Toronto	40,000
Oakland Lawn Bowling Club, Limited, The	Toronto	40,000
Outstorm Securities Company, Limited	Toronto	40,000
Ontario Corn Growers' Co-operative, Limited	Chatham	25,000
Ontario Cement Company, Limited, The	Brantford	1,000,000
Ojibway Timber Lands Company, Limited	Port Arthur	250,000
Ontario Builders, Limited	Toronto	50,000
Ontario Belting Company, Limited	Toronto	40,000
Ohio Varnish Company, Limited	Hamilton	100,000
Ontario National Pavements, Limited	Toronto	1,000,000
Ontario Foundry Company, Limited, The	Toronto	40,000
Orillia Co-operative Society, Limited, The	Orillia	25,000
Ontario & Quebec Finance Corporation, Limited	Toronto	40,000
Orser-Kraft Feldspar, Limited	Perth	100,000
Ontario and Peace River Oil & Gas Producing Company, Limited. (No personal liability)	Toronto	2,500,000
P		
Phi Delta Phi, Limited	Toronto	40,000
Provincial Car and Truck Company, Limited	Toronto	150,000
Peerless Phonographs, Limited	Toronto	40,000
Porcupine Paymaster Mines, Limited. (No personal liability)	Toronto	1,000,000
Peckover's, Limited	Toronto	500,000
Parisian Knitting Mills, Limited	Paris	40,000
Premier Tire and Rubber Company, Limited	Hamilton	300,000
Paxor Auto & Engineering Co., Limited	Toronto	50,000
Paris Theatre Company, Limited	Toronto	50,000
Port Arthur Beverage Company, Limited	Port Arthur	100,000
Perkus and Company, Limited	Cochrane	50,000
Perth Improvement, Limited	Perth	500,000
Playthings, Limited	Toronto	40,000
Pioneer Telephone Company, Limited, The	East Oxford	1,000
Port Arthur Sheet Metal Manufacturing Company, Limited, The	Port Arthur	40,000
Palmer Chocolate, Limited	Toronto	300,000
Purdy Company, Limited, The	Oshawa	40,000
Peterson Core Oil and Manufacturing Company of Canada, Limited	Hamilton	40,000
Pellerin Pelton Music Company, Limited	Ottawa	100,000
Peppler Bros. Company, Limited	Hanover	500,000
Pake's, Limited	Toronto	40,000
Pinelle Kirkland Mines, Limited. (No personal liability)	Toronto	4,000,000
Palace Road Cheese Company, Limited	Napanee	10,000
Port Stanley Nukol Company, Limited	St. Thomas	600,000
Power-Keachie, Limited	Toronto	40,000
Phillips and Sons, Limited, V. O.	Kitchener	250,000
Parry Sound Forest Products, Limited, The	Parry Sound	100,000
Peterborough Arena Rink, Limited	Peterborough	40,000
Penhurst Telephone Co., Limited, The	Woodstock	1,000
Polusterine Products Co., of Canada, Limited	Toronto	40,000
Peoples Manufacturing Company, Limited	Toronto	300,000
Parry Sound Wood Turners, Limited	Parry Sound	40,000
Poole and McCullough, Limited	Toronto	40,000
Provincial Paper Mills, Limited	Toronto	10,000,000
Perkins, Limited	Toronto	40,000
Powley and Townsley, Limited	Toronto	40,000
Peterborough Ice Company, Limited	Peterborough	40,000
Point Mara Telephone Company, Limited	Brechin	1,100
Productions, Limited, P. B. I., The	Toronto	10,000
Palmer Motor Sales, Limited	Hamilton	50,000

List of Companies Incorporated for the Year Ending October 31st., 1920—*Continued.*

Name	Address	Capital
Pape Avenue Nut Krust, Limited	Toronto	$ 20,000
Petrol Oil & Gas Company, Limited. (No personal liability)	Toronto	1,000,000
Premier Gold Mining and Exploration Company, Limited. (No personal liability)	New Liskeard	2,000,000
Peace Tie & Lumber Company, Limited	Sault Ste. Marie	40,000
Pigeon River Development Company, Limited, The	Port Arthur	100,000
Partin Laboratories, Dr., Limited	Toronto	100,000
Palace Amusement Company, Limited	Cornwall	100,000
Price Estates, Limited, Joseph	Toronto	100,000
Paramount Kitchener Theatres, Limited	Toronto	550,000
Progressive Gold Mines, Limited. (No personal liability)	Toronto	2,000,000
Pasznicki Bros., Limited	Toronto	100,000
Provincial Canners, Limited	Cobourg	100,000
Phoenix Leather Manufacturing Company, Limited	New Toronto	40,000
Palm Creamery Company, Limited, The	Palmerston	60,000
Pineland Groves, Limited	Toronto	100,000
Penly-Cobalt Exploration Company, Limited. (No personal liability)	Toronto	50,000
Practical Shoe Repair Co., Limited	Toronto	40,000
Port Burwell Canning Company, Limited, The	Toronto	150,000
Pullan, Limited, E.	Toronto	500,000
Pan Oceanic Power Development Co., Limited, The	New Liskeard	1,000,000
Parisian Laundry of Ontario, Limited	London	300,000
Purser Machine Tool & Stamping Company, Limited, The	Toronto	40,000
Paquette & Hughes, Limited	Toronto	40,000
Paramount Oshawa Theatres, Limited	Toronto	450,000
Port Stanley Farmers Co-operative Co., Limited	Port Stanley	10,000
Paramount Paper Boxes (Toronto and Hamilton), Limited	Hamilton	40,000
Port Arthur Structural Iron Works, Limited	Port Arthur	100,000
Peerless Telephone Company, Limited	Woodstock	500,000
Parkhill Farmers' Co-operative Supply Company, Limited, The	Parkhill	25,000
Pembroke Timber Tie and Pulp Company, Limited	Pembroke	40,000
Plant, Limited, F. H.	Ottawa	50,000
Paramount Peterboro Theatres, Limited	Toronto	400,000
Plummer Machine Company, Limited, The	Toronto	100,000
Patterson Brothers, Limited	Sault Ste. Marie	250,000
Precision Tool Works, Limited	Toronto	40,000
Peoples' Oil and Gas, Limited	Chatham	1,000,000
Perth Curling and Bowling Club, Limited, The	Perth	25,000
Pulverman Tirometer Company of Canada, Limited	Toronto	300,000
Palter Cap Company, Limited	Toronto	100,000
Purbrook and Fraserburg Telephone Company, Limited, The	Uffington	5,000
Phi Kappa Pi Buildings, Limited	Toronto	40,000
Penn-Canada Fire Brick Company, Limited	Toronto	40,000
Progress Cloak Company, Limited	Toronto	40,000
Patterson Candy Company, Limited, Alfred	Brantford	75,000
Provincial Bond Company, Limited, The	Toronto	40,000
Public Drug Company, Limited	Windsor	40,000
Q		
Quinte General Manufacturing Company, Limited	Toronto	150,000
Queensville Farmers' Co-operative Company, Limited, The	Queensville	10,000
Querrie-Anderson, Limited	Toronto	40,000
R		
Robert Henry Edgar Telephone Company, Limited, The	Bowling Green	1,200
Record-News Press of Smith's Falls, Limited, The	Smith's Falls	40,000
Rideau Electric Canning Company, Limited	Newboro	40,000
Rex Fancy Goods Company, Limited	Toronto	40,000
Regent Mines, Limited, The. (No personal liability)	Sarnia	1,000,000
Regal Fruit Preservers, Limited	Toronto	40,000

List of Companies Incorporated for the Year Ending October 31st., 1920—*Continued.*

Name	Address	Capital
Rainy River Co-operative Seed Growers, Limited	Emo	$5,000
Rockola Brothers, Limited	Toronto	40,000
Reid Bros.,& Co., Limited	London	250,000
Resistol Chemical Corporation, Limited	Toronto	100,000
Ramsay & Son Company of Ontario, Limited, A.	Toronto	100,000
Ruggles Motor Truck Company, Limited	London	3,000,000
Regal Investments, Limited	Hamilton	100,000
Ross Electric Appliances, Limited	Toronto	40,000
Rotenburg Investments, Limited	Toronto	250,000
Rumpel Felt Company, Limited, The	Kitchener	300,000
Robshaw Manufacturing Company, Limited	Dundas	40,000
Ross and Millar, Limited	Hamilton	50,000
Rosedale Farms, Limited	Morrisburg	25,000
Red-Line Prospectors, Limited. (No personal liability)	Toronto	100,000
Rosedale Securities, Limited	Toronto	1,500,000
Republic Motors, Limited	Toronto	350,000
Reaume Organization, Limited	Ford City	150,000
Renew Tire Corporation of Canada, Limited	Toronto	1,000,000
Robertson and Pearce, Limited	Toronto	50,000
Richardson Brokerage, Limited	Toronto	40,000
Robinette Realty Co., Limited	Toronto	100,000
Rosseau Hotel Company, Limited, The	Toronto	300,000
Regent Textiles, Limited	Guelph	500,000
Riggs Remedy Company, Limited	Toronto	100,000
Reliance Garage, Limited	London	60,000
Rainy River Record Publishing Company, Limited, The	Rainy River	10,000
Rosemary Supply Company, Limited, The	Toronto	40,000
Reliance Lumber & Builders' Supplies, Limited	Toronto	40,000
Riverdale Leather Company, Limited	Toronto	40,000
Ralston & Company, Limited, Robt.	Hamilton	200,000
Ribboncraft, Limited	Toronto	40,000
Ramsay & Ogle, Limited	Toronto	40,000
Rideau Co-operative Milling Company, Limited	Smith's Falls	40,000
Russell Fruit Comapny, Limited	Hamilton	40,000
Ryan Antiglare Light Company, Limited, The	Toronto	1,000,000
Riverside Telephone Company, Limited, The	Woodstock	500
Reid-Riddell Engineering Company, Limited	Toronto	40,000
Rutherglen Rural Telephone Company, Limited	Rutherglen	3,000
Raco Investments, Limited	Toronto	250,000
Roden Social Club, Limited, The	Toronto	40,000
S		
Silver Bullion Mines, Limited. (No personal liability)	Toronto	1,500,000
Snider Flour Milling Company, Limited, The	Conestogo	100,000
Savoy Gardens, Limited, The	Toronto	100,000
Sebright Telephone Company, Limited	Sebright	11,200
Silverado Extension, Limited. (No personal liability)	Toronto	1,500,000
Seynac's, Limited	Toronto	40,000
Superior Realty Company, Limited, The	Toronto	500,000
Sarnia Chamber of Commerce Building Company, Limited, The	Sarnia	50,000
Stinson & Company, Limited, G. A.	Toronto	300,000
Short Hardware, Limited, H. V.	Toronto	40,000
Sarnia Exhibition Realty Company, Limited, The	Toronto	40,000
Sault Ste. Marie War Veterans' Association, Limited	Sault Ste. Marie	100,000
Shannon & Quinny, Limited	Hamilton	40,000
Silbar Cobalt Mines, Limited. (No personal liability)	Toronto	1,500,000
Spring Creek Telephone Company, Limited, The	Woodstock	630
Scanlon-Moyer, Limited	Hamilton	100,000
S. & K. Drug Company, Limited, The	Iroquois Falls	40,000
Simcoe Realty Company, Limited	Toronto	40,000
Sault Ste. Marie Labor Temple Association, Limited	Sault Ste. Marie	150,000
Sinclair, Allen & Co., Limited	Toronto	100,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued.*

Name	Address	Capital
St. Catharines and District Labor Temple Company, Limited	St. Catharines	$40,000
Snyder Furniture Company, Limited, The	Waterloo	100,000
Standard Securities Corporation, Limited	Toronto	100,000
Scrivener Lynn Company, Limited, The	Toronto	250,000
Star Knitting Mills Company, Limited	Toronto	100,000
Stott Press, Limited	Toronto	40,000
Sutton Dairy and Creamery, Limited	Sutton	24,000
Sarnia Brokers, Limited	Sarnia	40,000
Standard Medical & Surgical Clinic of Peterborough, Limited	Peterborough	100,000
Sundridge Tourist Hotel Company, Limited, The	Sundridge	40,000
Schofield Tractor Corporation, Limited	Toronto	1,000,000
Steinberg & Berman, Limited	Toronto	40,000
St. Mary's Cement Co., Limited	St. Mary's	3,000,000
Sellers Sales, Limited	Toronto	40,000
Singleton Porcupine Mines, Limited	Toronto	40,000
St. Margaret's Club of Midland, Limited	Midland	25,000
Smoot and Company, Limited, J. M.	Toronto	40,000
Salada Tea Company of Canada, Limited	Toronto	2,000,000
St. Clair Nut Krust, Limited	Toronto	20,000
St. Thomas Boxes, Limited	St. Thomas	20,000
Stratford Nut Krust, Limited	Stratford	20,000
Soaps-Perfumes, Limited	Toronto	250,000
Saulnier Hat Mfg. Co., Limited	Toronto	40,000
Sault Ste. Marie Curling Club, Limited	Sault Ste. Marie	40,000
Southam & Sons, Limited, Wm.	Hamilton	5,000,000
Spruce Falls Company, Limited	Kapuskasing	7,000,000
Sturgis Baby Carriage Co., Limited	Toronto	40,000
Sunnybrae Gardens, Limited	Toronto	40,000
Superior Oil Company, Limited	Toronto	100,000
Spark Plug, Limited, A. C.	Brantford	10,000
Stanley Mills Company, Limited	Hamilton	1,500,000
Suddaby's, Limited	Brantford	40,000
Smith & Donaldson, Limited	New Liskeard	40,000
Stratford Machine Company, Limited	Stratford	50,000
Selak, Limited	London	8,040
St. Thomas Labor Temple Association, Limited	St. Thomas	100,000
Smith Co., Limited, Frank B.	Hamilton	40,000
South West Porcupine Syndicate, Limited. (No personal liability)	Toronto	100,000
Sudbury Woollens, Limited	Sudbury	40,000
Sanitary Sheet Metal Containers, Limited	Toronto	250,000
Sydenham Dairy Company, Limited	Sydenham	5,000
Steel Sashes, Limited	London	40,000
Stakes Rubber Company, Limited, Joseph	Welland	100,000
Stayner Farmers' Co-operative Company, Limited, The	Stayner	10,000
Sudbury Cemetery Company, Limited, The	Sudbury	100,000
Smith, Son & Ridout, Limited, Alfred W.	Toronto	50,000
Stollery-Teasdall, Limited	Toronto	100,000
St. Thomas Box Company, Limited	St. Thomas	40,000
Silica Granite Products Company, Limited, The	Hamilton	200,000
See and Smith Motors, Limited	Toronto	100,000
Shaw Bread Company, Limited	Ottawa	75,000
Sykes Bread Company, Limited	Hamilton	50,000
Shepard Printing Company, Limited, The	Toronto	40,000
Sarnia Cement Products, Limited	Point Edward	100,000
Sharbot Lake Creamery, Limited	Belleville	40,000
Swan Chocolates, Limited	Toronto	40,000
Spring Lake Property Company, Limited	Ottawa	200,000
Sabine, Limited	Toronto	20,000
Southdrive Securities, Limited	Toronto	1,000,000
Steel Working, Limited	Toronto	150,000
Snider Cloak Company, Limited	Toronto	40,000
Stansell Motors, Limited	Amherstburg	500,000
Stratford Theatre Company, Limited	Toronto	100,000

List of Companies Incorporated for the Year Ending October 31st., 1920—*Continued.*

Name	Address	Capital
Swedish-Canadian Mines, Limited, The. (No personal liability)	Toronto	$3,000,000
Stanley Sales Service, Limited	Toronto	100,000
Selmore Costumes, Limited	Toronto	40,000
Sinclair, Valentine & Hoops, Limited	Toronto	150,000
Surprise Hair Tonic Company, Limited, The	Toronto	125,000
Stearns-Hollinshead Company of Canada, Limited	Toronto	40,000
Supreme Costume Company, Limited, The	Toronto	40,000
Standard Paper Boxes, Limited	Toronto	40,000
Sudbury Alloys Securities Company, Limited	Toronto	40,000
Scott-Wilkie Co., Limited	Toronto	50,000
Shannon The Plumber, Limited	Toronto	40,000
Smith Morton Optical Company, Limited	Hamilton	40,000
Sully Brass Foundry, Limited	Toronto	40,000
Sioux Lookout Lumber Company, Limited	Sioux Lookout	200,000
South Norfolk Telephone Company, Limited, The	Waterford	15,000
St. Catharines Standard, Limited, The	St. Catharines	250,000
Steel City Realty Company, Limited	Windsor	75,000
Stephens Chemical and Manufacturing Company, Limited	Toronto	40,000
Schneider-Rishor, Limited	Peterborough	100,000
Scott Coal Company, Limited, W. R.	Toronto	100,000
Sapon Soaps of Canada, Limited	Hamilton	100,000
Shelburne Flax Company, Limited, The	Shelburne	40,000
Strand, Hamilton Theatre, Limited	Hamilton	150,000
Sansburn-Pashley Manufacturing Company, Limited	Windsor	40,000
Super-Seal Specialty Company, Limited	Toronto	40,000
Sterling Caskets, Limited	Toronto	200,000
St. Clair Investments, Limited	Toronto	300,000
Salisbury Manufacturing Company, Limited	Toronto	40,000
Sentinel Publishing Co., Limited	Toronto	100,000
Stratford Housing Company, Limited, The	Stratford	40,000
Standard Silk Shades, Limited	Toronto	40,000
Stafford, Limited, F. M.	Sudbury	200,000
T		
Thorold War Veterans' Company, Limited	Thorold	25,000
Thompson Company, Limited, William	Belleville	50,000
Thames Oil & Gas Company, Limited. (No personal liability)	Toronto	500,000
Thrift Stores, Limited, The	Hamilton	40,000
Toye Bread Company, Limited	Toronto	40,000
Textile Processing Company, Limited	Toronto	50,000
Tricotage De Luxe, Limited	Toronto	10,000
Twin City Signs, Limited	Kitchener	40,000
Tichborne Rural Telephone Company, Limited	Tichborne	2,000
Thompson Lace and Veiling Company, Limited, The	Toronto	500,000
Toronto Hill Land Company, Limited	Toronto	24,000
Toronto Ladies' Outfitters, Limited	Toronto	40,000
Toronto Woollens, Limited	Toronto	100,000
Tresidder Bros., Limited	Hamilton	100,000
Toronto Cement Products, Limited	Toronto	40,000
Tweed News, Limited	Tweed	20,000
Toronto Taxies, Limited	Toronto	40,000
Trenton Arena, Limited	Trenton	20,000
Thesauras Gold Mines Limited. (No personal liability)	Toronto	1,000,000
Temple Association, Limited	Haileybury	50,000
Toronto Great Lakes Oils, Limited	Toronto	200,000
Toronto Shirt & Overall Company, Limited, The	Toronto	250,000
Tropical Products, Limited	Toronto	1,000,000
20th Century Bagholder Company, Limited	Toronto	40,000
Tiger Tire and Rubber Company, Limited	Toronto	2,000,000
Tube Company of Canada, Limited, The	Toronto	100,000
Trent Paper Company, Limited	Toronto	1,000,000
Travel Bureau, Limited	Hamilton	10,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued.*

Name	Address	Capital
Toronto Woodworkers, Limited	Toronto	$100,000
Toronto Fireworks Co., Limited	Toronto	40,000
Tillsonburg Club, Limited, The	Tillsonburg	40,000
Toronto Truck Sales, Limited	Toronto	75,000
Tulip, Limited	Toronto	40,000
Trans-Canadian Oil Company, Limited. (No personal liability)	Aylmer	5,000,000
Towers, Limited	Hamilton	250,000
Toronto General Consumers, Limited	Toronto	200,000
Toronto Castings, Limited	Toronto	500,000
Toronto Button Company, Limited	Toronto	40,000
Tar Island Oil & Gas Company, Limited. (No personal liability	Toronto	1,500,000
Thorold Mountain Masonic, Limited	Thorold	40,000
Toronto Electric Supply Company, Limited	Toronto	100,000
Trinidad Oil & Refining Company (of Canada), Limited, The	Toronto	150,000
Trans-Canadian Explorers, Limited. (No personal liability)	Toronto	200,000
Traction Rims, Limited	Toronto	50,000
Telford & Craddock, Limited	Toronto	40,000
Tropical Food & Chemical Company, Limited,	Toronto	1,000,000
Toronto Computing Scale Company, Limited, The	Toronto	200,000
U		
United Tea & Coffee Companies of Canada, Limited	Toronto	100,000
United Shoe Shops, Limited	Hamilton	500,000
United Jobbing and Importing Company, Limited, The	Toronto	100,000
United Trading Corporation, Limited	Toronto	1,000,000
Universal Products, Limited	Hamilton	10,000
United Securities Corporation, Limited	Toronto	40,000
United Delivery, Limited	Ottawa	40,000
Universal Gas & Oil, Limited. (No personal liability)	Toronto	1,500,000
Union Exploration Company, Limited	Chatham	1,000,000
Uxbridge Paper Box Company, Limited	Uxbridge	120,000
Union Mining Corporation, Limited. (No personal liability)	Toronto	1,000,000
United Rubber Company, Limited	Toronto	1,000,000
Universal Photo Company, Limited	Toronto	40,000
Universal Rubber Products Company, Limited	Stratford	200,000
United Press, Limited	Toronto	40,000
Uptergrove Telephone Company, Limited	Uptergrove	2,700
United Dairymen Co-operative, Limited	Wingham	50,000
V		
Vokes & Son, Limited, John	Toronto	50,000
Valley City Co-operative Society, Limited, The	Dundas	25,000
Victory Toffee Company of Toronto, Limited	Toronto	60,000
Victory Oil & Gas Company, Limited, The. (No personal liability)	Toronto	100,000
Village Inn, Grimsby, Limited	Grimsby	500,000
Vauxhall, Limited	Toronto	400,000
Valley Oil and Gas Company, Limited. (No personal liability)	Hamilton	400,000
Veteran Oil-Gas Heaters, Limited	Toronto	40,000
Van Wart & Co., Limited	Toronto	150,000
Victory Motors, Limited	Windsor	1,000,000
Victory Paper Box Company, Limited	Toronto	30,000
Victoria Electric Laundry, Limited, The	Lindsay	100,000
Vannatter and Company, Limited, C. R.	Toronto	40,000
Victory Telephone Company, Limited, The	Sullivan	8,400
Vitex Feeds, Limited	Toronto	50,000
Victoria County Co-operative Company, Limited, The	Lindsay	20,000
Victory Silver Mines, Limited. (No personal liability)	St. Catharines	2,000,000

List of Companies Incorporated for the Year Ending October 31st, 1920—*Continued.*

Name	Address	Capital
W		
Wachman Mining and Milling Company, Limited, The	Dryden	$500,000
Windsor Paper Company, Limited, The	Windsor	40,000
Warden Realty Company, Limited, The	Toronto	40,000
Western Motors Company, Limited	Toronto	40,000
White Rock Mining Company, Limited. (No personal liability)	Sudbury	1,000,000
Wolfe Wilder Fur Company, Limited, The	Toronto	20,000
Wilkins Automatic Regulator Co., Limited, The	Toronto	100,000
Walkerville and District Co-operative Society, Limited	Walkerville	25,000
Willards Chocolates, Limited	Toronto	3,250,000
Whitney-Porcupine Gold Mines, Limited. (No personal liability)	Haileybury	40,000
Women's Century Publishers, Limited	Toronto	100,000
Wellington Finance Corporation, Limited	Toronto	250,000
Winchester Garage Company, Limited	Toronto	10,000
Wiggily Toys, Limited	Toronto	40,000
Wilkinson Paper Company, Limited	Toronto	60,000
Walker's Clothes Shops, Limited	Toronto	250,000
Welland Wine Company, Limited	Welland	40,000
Ware-Harden, Brown, Limited	Toronto	40,000
Waterloo County Housing Company, Limited, The	Kitchener	100,000
Ward Fireproof Storage, Limited, C. A	Toronto	750,000
Westman & Baker, Limited	Toronto	100,000
West Williams Oil and Gas Company, Limited, The	Parkhill	40,000
Waterloo Glove Manufacturing Company, Limited	Waterloo	100,000
Windeyer and Donaldson, Limited	Toronto	50,000
Windsor Shoe Polish, Limited	Windsor	40,000
Williamson & Murray, Limited	Toronto	40,000
Weaver, Limited, S. R.	Hamilton	100,000
Welland Tribune and Telegraph, Limited, The	Welland	125,000
Women's Wear Shops, Limited	Toronto	100,000
Waltham Grinding Wheel Company of Canada, Limited	Brantford	200,000
Wiarton Furniture Company, Limited	Wiarton	200,000
Walter & Sons, Limited, John	Kitchener	40,000
White & Son, Limited, Geo. E.	Windsor	100,000
Wabash Fuel Company of Canada, Limited	Toronto	10,000
Woefle Bros., Limited	Kitchener	40,000
Walton-Carlson Company, Limited, The	St. Catharines	40,000
West Furnace Carburetor Company of Canada, Limited, The	Toronto	100,000
Wasapika Consolidated Mines, Limited. (No personal liability)	Toronto	6,000,000
Witkin Mitchell, Limited	Toronto	40,000
Wilson-McGovern, Limited	Toronto	100,000
White Fruit Company, Limited, The	Toronto	120,000
Weston Golf and Country Club, Limited, The	Weston	150,000
Wellington Street Land Company, Limited, The	Toronto	150,000
Whitman Creek Dairy Company, Limited, The	Enterprise	1,800
Western Counties Gas Company, Limited. (No personal liability)	Toronto	250,000
Wotten's, Limited	Belleville	40,000
Windsor Construction Company, Limited	Windsor	40,000
Walkerville Theatre Holding Company, limited	Windsor	200,000
Woodstock, Co-operative Society, Limited, The	Woodstock	25,000
Walkerville Realty, Limited	Walkerville	100,000
Western Stevedore Company, Limited	Fort William	300,000
Wagner Shoe Company, Limited, The	Toronto	200,000
Western Ontario Fruit and Tobacco Lands, Limited	Toronto	1,000,000
Woollatt & Sons, Limited, Wm.	Walkerville	150,000
Windsor Nut Krust, Limited	Windsor	20,000
Williams Tool Corporation of Canada, Limited	Brantford	150,000
Wolf Point Land Company, Limited	Sandwich East	40,000

List of Companies Incorporated for the Year Ending October 31st., 1920—*Continued.*

Name	Address	Capital
Wells & Newton (Canada), Limited	Toronto	$20,000
Wills & Co., Limited, Hamilton B	Toronto	1,000,000
Woollatt and Loveridge, Limited	Windsor	50,0000
Westco Pump, Limited	Toronto	150,000
Y		
York Beverages, Limited	Toronto	40,000
Youngblood Electric Heater (Canada) Limited	Toronto	250,000
York Youths and Boys Clothing Co. Limited, The	Toronto	40,000
York Agency, Limited	Toronto	40,000
Yeldbarb Manufacturing Company, Limited	Toronto	1,000,000
Yale Shoe Manufacturing Company, Limited, The	Galt	40,000
York Brick and Building Company, Limited	Toronto	100,000
Z		
Zuber Manufacturing Company, Limited	Toronto	200,000

List of Companies Whose Capital Was Increased.

Name of Company	From	To	Date
A			
Austin Company, Limited, Charles	$100,000	$350,000	June 25, 1920.
Allen's Niagara Falls Theatre, Limited	350,000	425,000	June 19, 1920.
American Radiator Company of Canada, Limited	500,000	1,000,000	Jan. 31, 1920.
Arcade, Limited, The	500,000	1,000,000	Jan. 23, 1920.
Abbott, Grant & Co., Limited	50,000	150,000	April 19, 1920.
Anderson's Limited	100,000	250,000	May 25, 1920.
B			
Brenner & Company, Limited, N.	50,000	100,000	Nov. 8, 1919.
Blatchford Calf Meal Company of Canada, Limited	75,000	150,000	June 17, 1920.
Burlington Products, Limited	20,000	200,000	Aug. 25, 1920.
Burlington Steel Company, Limited	20,000	200,000	Aug. 25, 1920.
Bowes Milk Products, Limited	20,000	500,000	Oct. 1, 1920.
Bayswater Club of Ottawa, Limited	40,000	90,000	Oct. 19, 1920.
Bury & Company (Canada) Limited, Robert	40,000	100,000	Oct. 16, 1920.
Bigwin Inn Company, Limited, The	400,000	600,000	Feb. 3, 1920.
Bakers, Limited, Joseph	50,000	150,000	Feb. 4, 1920.
Beaver Films, Limited	200,000	500,000	April 12, 1920.
Bond Hardware Company, Limited, The	100,000	250,000	June 1, 1920.
Beaver Wood Fibre Company, Limited, The	2,000,000	4,000,000	May 8, 1920.
Beaver Abitibi Timber Company, Limited, The	1,000,000	2,000,000	May 8, 1920.
C			
Crompton Car Company, Limited, The	25,000	75,000	Nov. 21, 1919.
Craig and Company, Limited, W. G.	150,000	250,000	Dec. 5, 1919.
Coles, Limited, George	40,000	250,000	July 6, 1920.
Calydor Sanatorium, Limited	75,000	125,000	July 14, 1920.
Christie, Henderson & Co., Limited	100,000	300,000	July 17, 1920.
Cobalt-Frontenac Mining Company, Limited (No personal liability)	2,000,000	3,000,000	Aug. 4, 1920.
Canadian Shredded Wheat Company, Limited, The	250,000	500,000	Dec. 13, 1919.
Canadian Seamless Wire Company, Limited	50,000	150,000	Dec. 23, 1919.
Citizen Publishing Company, Limited, The	400,000	700,000	Jan. 24, 1920.
Canadian Milk Products, Limited	300,000	1,100,000	Jan. 31, 1920.
Catharine Gold Mines, Limited (No personal liability)	2,000,000	3,500,000	Feb. 9, 1920.
Canadian General Lumber Company, Limited	200,000	500,000	Feb. 12, 1920.
Cadagon Investments, Limited	40,000	500,000	Mar. 8, 1920.
Crothers Company, Limited, The, W. J.	100,000	150,000	Feb. 23, 1920.
Camburn Silver Mines, Limited (No personal liability)	1,500,000	3,000,000	April 8, 1920.
Canadian Carpet and Comforter Mfg. Co., Limited	200,000	500,000	April 14, 1920.
Corrugated Paper Box Company, Limited, The	200,000	500,000	May 10, 1920.
D			
Davis Slate & Manufacturing Company of Canada, Limited	5,000	20,000	Aug. 12, 1920.
Ditchburn Boats, Limited	100,000	150,000	Sept. 22, 1920.
Doering Trunk Company, Limited	40,000	250,000	Oct. 20, 1920.
Davis and Company, Limited, Henry	40,000	80,000	Feb. 14, 1920.
Dunlop Tire and Rubber Goods, Company, Limited	1,300,000	10,000,000	Mar. 1, 1920.
Duncan, Ferguson Company, Limited	100,000	200,000	May 17, 1920.

List of Companies Whose Capital Was Increased—*Continued.*

Name of Company	From	To	Date
E			
Empire Manufacturing Company, Limited, The	$100,000	$1,000,000	Jan. 26, 1920.
Elliott, Marr Company, Limited	100,000	200,000	Feb. 12, 1920.
Elgie & Jarvis Lumber Company, Limited, The	40,000	100,000	Mar. 11, 1920.
F			
Fittings, Limited	500,000	1,000,000	Nov. 17, 1919.
Fournier, Limited, A. A.	100,000	500,000	July 26, 1920.
Fort Frances Pulp and Paper Company, Limited, The	50,000	3,000,000	July 28, 1920.
Fesserton Timber Company, Limited, The	40,000	250,000	Jan. 5, 1920.
Farmers' Dairy Company, Limited, The	200,000	500,000	May 5, 1920.
Frankford Canning Company, Limited	200,000	500,000	May 21, 1920.
G			
Greenfield Tap and Die Corporation of Canada, Limited	40,000	250,000	June 23, 1920.
Goldsmith Bros. Smelting and Refining Co., Limited	40,000	200,000	Oct. 20, 1920.
General Examining and Developing Company, Limited (No personal liability)	1,000,000	1,500,000	Dec. 30, 1919.
Gunns, Limited	1,600,000	5,000,000	Dec. 30. 1919.
Glidden Company, Limited, The	100,000	300,000	Dec. 30, 1919.
Globe Furniture Company, Limited, The	200,000	500,000	Feb. 2, 1920.
Gage and Company, Limited, W. J.	400,000	600,000	Mar. 24, 1920.
Gray-Dort Motors, Limited	500,000	1,500,000	Mar. 24, 1920.
Gray Construction Co., Limited, John V.	40,000	150,000	Feb. 21, 1920.
H			
Hill and Company, Limited, F. T.	150,000	500,000	June 23. 1920.
Hamilton Bonds and Investments, Limited	500,000	1,500,000	July 3, 1920.
Hunter Rose Company, Limited, The	50,000	100,000	Sept. 27, 1920.
Hubbard & Company, Limited, W. H.	49,000	100,000	Feb. 28, 1920.
Huntsville Lumber Company, Limited, The	42,000	200,000	Jan. 19, 1920.
I			
Ingram & Bell, Limited	150,000	250,000	Aug. 25, 1920.
Imperial Varnish and Color Company, Limited	200,000	500,000	Aug. 20, 1920.
International Engineering Corporation, Limited, The	750,000	2,000,000	Jan. 3, 1920.
J			
Julian Sale Leather Goods Company of Toronto, Limited, The	100,000	200,000	Mar. 18, 1920.
Jones-Sons, Limited, H. J.	100,000	250,000	Mar. 23, 1920.
K			
King Edward Construction Company, Limited, The	2,350,000	4,200,000	June 12, 1920.
L			
Leader, Limited, The	40,000	100,000	Aug. 3, 1920.
Locke-Wade Company, Limited, The	40,000	150,000	Aug. 24, 1920.
Lakeview Golf and Country Club, Limited	40,000	100,000	Sept. 13, 1920.
Litho-Print, Limited	100,000	250,000	Sept. 18, 1920.

List of Companies Whose Capital Was Increased—*Continued.*

Name of Company.	From	To	Date
M			
Midland Elevator Company, Limited, The	$180,000	$1,000,000	Sept. 24, 1920.
Marshay Lumber Company, Limited	50,000	1,000,000	Oct. 6, 1920.
Masonic Temple Corporation, Limited	350,000	500,000	Jan. 22, 1920.
Mueller M'f'g. Co., Limited, H.	500,000	1,000,000	Feb. 10, 1920.
Messenger Wire Wheel Company	40,000	150,000	Feb. 3, 1920.
McLaren and Company, Limited	100,000	200,000	June 28, 1920.
N			
Natural Tread Shoes, Limited	40,000	150,000	Nov. 14, 1919.
Noden, Hallitt and Johnson, Limited	50,000	100,000	Aug. 5, 1920.
National Machinery and Supply Co., Limited	60,000	400,000	Sept. 18, 1920.
Nukol Fuel Company, Limited	1,000,000	3,000,000	Jan. 28, 1920.
Niagara Racing Association Limited, The	100,000	400,000	Jan. 5, 1920.
O			
Oakville Wire Bound Box and Basket Company, Limited, The	100,000	500,000	Aug. 10, 1920.
Oglivy, Limited, Charles	150,000	250,000	Oct. 29, 1920.
Otterville Manufacturing Company, Limited, The	20,000	50,000	Feb. 24, 1920.
Ottawa South Property Company, Limited	300,000	500,000	Feb. 19, 1920.
Ontario Paper Company, Limited, The	10,000	3,500,000	Feb. 28, 1920.
Office Specialty Manufacturing Company, Limited The	750,000	1,500,000	Mar. 15, 1920.
P			
Pembroke Woollen Mills, Limited	50,000	100,000	Nov. 3, 1919.
Permanent Realty Corporation, Limited	100,000	200,000	Nov. 10, 1919.
Porcupine Gold Reef Mining Company, Limited (No personal liability)	1,000,000	3,000,000	Nov. 13, 1919.
Pure Gold Manufacturing Company, Limited, The	175,000	750,000	June 16, 1920.
Premier Langmuir Mines, Limited	2,000,000	2,800,000	July 19, 1920.
Preston Furniture Company, Limited	100,000	250,000	Sept. 11, 1920.
Prince Arthur Land and Development Company, Limited, The	100,000	500,000	Dec. 23, 1919.
Peerless Rubber Company, Limited	60,000	100,000	Feb. 14, 1920.
Port Hope Telephone Company, Limited, The	10,000	25,000	June 4, 1920.
R			
Ritchie & Ramsay, Limited	200,000	400,000	Nov. 26, 1919.
Riverdale Garage, Limited	100,000	300,000	July 8, 1920.
Russell Gear and Machine Company, Limited	100,000	2,000,000	July 20, 1920.
Regal Phonograph Company, Limited	40,000	100,000	Aug. 9, 1920.
S			
St. Thomas Packing Company, Limited, The	250,000	1,000,000	June 8, 1920.
Square Deal Co-Operative Creamery of Cayuga, Limited, The	3,000	25,000	June 30, 1920.
St. Mary's Milling Company, Limited	50,000	250,000	July 16, 1920.
Stover Drilling Company, Limited, The, F. H.	40,000	250,000	Oct. 11, 1920.
Shelburne Creamery and Produce Company, Limited, The	10,000	40,000	Jan. 23, 1920.
Sanderson-Harold Company, Limited, The	100,000	200,000	Mar. 2, 1920.
Security Sales Company, Limited	40,000	300,000	April 27, 1920.

List of Companies Whose Capital Was Increased—*Continued.*

Name of Company	From	To	Date
T			
Tillsonburg Shoe Company, Limited, The	$50,000	$100,000	Oct. 11, 1920.
Trees-Spriggs Company, Limited, The	20,000	150,000	June 18, 1920.
U			
United Farmers' Co-Operative Company, Limited The	250,000	1,000,000	April 14, 1920.
W			
Woelfle Shoe Company, Limited, The, W. E.	40,000	200,000	June 30, 1920.
Warren Bituminous Paving Company of Ontario, Limited, The	200,000	400,000	Sept. 21, 1920.
Wing and Company, Limited, J. T.	40,000	500,000	Oct. 11, 1920.
Windsor Truck and Storage Company, Limited, The	100,000	300,000	Oct. 13, 1920.

List of Corporations Whose Powers Were Extended.

Name of Corporation	Date
A	
Acme Burner & Heater Company, Limited (redividing the capital stock of the Company)	July 29, 1920.
Auto Strop Safety Razor Co., Limited (relieving the Company from the provisions of subsections (1) and (2), of section 119 of The Ontario Companies Act)	Aug. 27, 1920.
Arco Company, Limited, The (redividing the capital stock of the Company)	Sept. 9, 1920.
Allen's London Theatre, Limited (declaring that the holders of preference shares shall be entitled to receive yearly dividend	Mar. 7, 1920.
B	
Barry-Webster Gold Mines, Limited (No personal liability) (authorizing the Company to pay a commission)	Sept. 8, 1920.
Bluffs Shooting & Fishing Club, The (varying as therein set forth the provisions of the Letters Patent)	April 19, 1920.
Beaver Films, Limited (redividing the capital stock of the Company)	April 12, 1920.
Border Cities Improvement Company, Limited (extending the powers of the Company)	June 7, 1920.
C	
Canadian Milk Products, Limited (authorizing the Company to hold meetings outside of the Province of Ontario)	Jan. 31, 1920.
Camburn Silver Mines, Limited (No personal liability). (Extending powers, authorizing the Company to hold meetings of shareholders within or without the Province of Ontario, and authorizing the Company to pay a commission	April 8, 1920.
Chisolm Lumber Company, Limited, Robert G. (relieving the Company from the provisions of subsections (1) and (2), of section 119 of The Ontario Companies Act)	April 22, 1920.
Carpquist Signs, Limited (re-dividing the capital stock of the Company and amending clause (3) of the conditions attached to the preference shares, contained in the Letters Patent)	May 17, 1920.
Consolidated Stampings and Enamelling, Limited (authorizing the Company to hold meetings outside the Province of Ontario)	Nov. 25, 1919.
Canadian Krantz Electrical and Manufacturing Company, Limited, The, (Relieving the Company from the provisions of subsections (1) and (2) of section 119 of The Ontario Companies Act)	Dec. 1, 1919.
Allen's Niagara Falls Theatre, Limited (redividing the existing common stock of the Company and varying terms of the preference shares)	June 19, 1920.
Coles, Limited, George (redividing the capital stock of the Company)	July 6, 1920.
Calydor Sanatorium, Limited (changing the conditions attached to preference shares and declaring that the Company shall have the right to vary the number of Directors and fixing quorum of the Board)	July 14, 1920.
Clark Metals, Limited (converting the Company into a Private Company)	Dec. 24, 1919.
Canadian Bituminous Paving Corporation, Limited (relieving the Company from the provisions of subsections (1) and (2) of section 119, of The Ontario Companies Act)	Jan. 8, 1920.
Canadian Ramapo Iron Works, Limited (authorizing the Company to hold meetings of shareholders outside the Province of Ontario)	Jan. 21, 1920.
D	
Donnell, Carman & Mudge (Canada) Limited (relieving the Company from the provisions of subsections (1) and (2) of section 119 of The Ontario Companies Act)	Jan. 23, 1920.
Dunlop Tire and Rubber Goods Company, Limited (increasing the number of Directors from six to nine, and declaring that four directors shall form a quorum)	Mar. 1, 1920.

List of Corporations Whose Powers Were Extended—*Continued.*

Name of Corporation	Date
E	
Electric Insulation and Varnish Company, Limited (varying, amending and substituting, provisions and conditions of preference shares)	Sept. 21, 1920.
Eureka Oil and Gas Company, Limited (no personal liability). (Authorizing the Company to pay a commission)	April 26, 1920.
F	
Frontenac Floor and Wall Tile Company, Limited (converting the Company into a Private Company)	June 26, 1920.
Finch & Anderson, Limited (extending the powers by inserting the word "air" after word "land" in paragraph (a) of Letters Patent)	July 19, 1920.
G	
Gelber Brothers, Limited (amending the powers of the Company)	Aug. 26, 1920.
General Phonograph Corporation of Canada, Limited (relieving the Company from the provisions of subsections (1) and (2) of section 119 of The Ontario Companies Act)	Jan. 7, 1920.
Georgina Houses (striking out and deleting the whole of clause two, by amending clause three, by striking out and deleting clauses 16 and 17 of the Letters Patent)	Jan. 19, 1920.
Gunns', Limited (confirming by-law number twenty-four of the Company)	Feb. 9, 1920.
I	
Indiana-Ojibway Land Company, Limited (relieving the Company from the provisions of subsections (1) and (2) of section 119 of The Ontario Companies Act)	Oct. 12, 1920.
International Engineering Corporation, Limited, The (authorizing the Company to pay a commission)	Jan. 3, 1920.
J	
Jacobs & Goodman, Limited (striking out and deleting clause re voting powers)	Sept. 2, 1920.
K	
King Edward Construction Company, Limited, The (confirming by-laws and amending powers)	June 12, 1920.
L	
Locke-Wade Company, Limited, The (converting the Company into a Public Company)	Aug. 24, 1920.
Lebel Crystal Lake Gold Mines, Limited (no personal liability). (Relieving the Company from the provisions of subsections (1) and (2) of section 119, of The Ontario Companies Act)	Feb. 17, 1920.
M	
Miller Lake Enterprise, Limited, The (no personal liability) (Relieving the Company from the provisions of sub-section (1) and (2) of section 119 of the Ontario Companies Act.)	June 15, 1920.
McCrimmon's Chemicals, Limited (converting the Company into a Public Company)	Aug. 5, 1920.
Mason Tire and Rubber Company, Limited, The (authorizing the Company to hold meetings either within or without the Province of Ontario and authorizing the Company to fix by by-law the number of Directors necessary to constitute a quorum)	Sept. 15, 1920.
Mueller M'f'g. Co., Limited, H. (authorizing the Company to issue share warrants and extending the powers of the Company)	Feb. 10, 1920.

List of Corporations Whose Powers Were Extended– *Continued*

Name of Corporation	Date
N	
Natural Tread Shoes, Limited (redividing the Common Stock of the Company)	Nov. 14, 1919.
"Nobility Chocolates" Company, Limited (varying, amending and substituting the provisions and conditions of the preference shares in the Letters Patent of the Company)	Oct. 12, 1920.
National Manufacturing Company, Limited, The (extending the powers of the Company, and authorizing the Company to purchase or redeem any or all of its preference shares)	April 1, 1920.
Northcrown Porcupine Mines, Limited (no personal liability). (Relieving the Company from the provisions of subsections (1) and (2) of section 119 of The Ontario Companies Act)	May 28, 1920.
O	
Oakville Wire Bound Box & Basket Company, Limited, The (converting preference shares into common shares)	Aug. 18, 1920.
Ottawa South Property Company, Limited (authorizing the Company to pay a commission)	Feb. 19, 1920.
Ojibway Timber Lands Company, Limited (changing the Company into a Private Company)	April 6, 1920.
P	
Palm Creamery Company, Limited, The (relieving the Company from the provisions of subsections (1) and (2) of section 119 of The Ontario Companies Act)	Aug. 3, 1920.
Paramount Peterboro Theatres, Limited (varying and amending the Letters Patent of the Company	Oct. 23, 1920.
Prince Arthur Land and Development Company, Limited, The (converting the Company into a Public Company)	Dec. 23, 1929.
Pigeon River Development Company, Limited	July 12, 1920.
R	
Ritchie & Ramsay, Limited (changing the head office of the Company)	Nov. 26, 1919.
Regent Textiles, Limited (relieving the Company from the provisions of subsections (1) and (2) of section 119 of The Ontario Companies Act)	June 15, 1920.
Riverdale Garage, Limited (authorizing the Company to pay a commission)	June 17, 1920.
Regal Phonograph Company, Limited (varying and amending preference clause by deleting the word "eight" wherever the word occurs and authorizing the Company to pay a commission)	Aug. 9, 1920.
Raco Investments, Limited (relieving the Company from the provisions of subsections (1) and (2) of section 119 of The Ontario Companies Act)	Sept. 7, 1920.
Rotenberg Investments, Limited (striking out and deleting clause re voting powers)	Aug. 26, 1920.
Rosamond Woolen Company, Limited, The (extending the powers of the Company)	May 31, 1920.
S	
Strand Hamilton Theatre, Limited (redividing the capital stock of the Company and increasing the number of directors from three to five)	Oct. 12, 1920.
Sherman Service, Limited (amending the Letters Patent of the Company)	Oct. 11, 1920.
U	
University Mines, Limited, The (authorizing the Company to hold meetings without or within the Province of Ontario) and (providing for Quorum of Directors)	July 29, 1920.
University Mines, Limited (relieving the Company from the provision of subsections (1) and (2) of section 119 of The Ontario Companies Act.)	July 29, 1920.

List of Corporations Whose Powers Were Extended—*Continued.*

Name of Corporation	Date
United Farmers' Co-Operative Company, Limited, The (authorizing the Company to pay a commission)	April 14, 1920.
Y	
York Beverages, Limited (converting the Company into a Public Company and redividing the existing capital stock of the Company)	Sept. 13, 1920.

List of Companies Whose Capital Has Been Decreased.

Name of Company	From	To	Date
A			
Alberta Central Land Corporation, Limited, The	398,000	130,000	June 1, 1920.
B			
Buffalo Mines, Limited, The (No personal liability)	500,000	150,000	Dec. 2, 1919.
Baker's, Limited, Joseph	150,000	100,000	April 29, 1920.
G			
Gunn's, Limited	2,000,000	1,600,000	Nov. 18, 1919.
H			
Harvey Knitting Company, Limited	1,500,000	1,200,000	Oct. 16, 1920.
N			
National Manufacturing Company, Limited	1,250,000	600,000	April 1, 1920.
W			
Westminster Company, Limited, The	50,000	46,000	Feb. 26, 1920.

List of Corporations Without Share Capital.

Name of Corporation.	Place.
A	
Agricultural Winter Fair Association, of Canada	Toronto.
Arts and Letters Club of Toronto, The	Toronto.
Accident Preventative Association of Contracting Industries of Ontario, The	Toronto.
Ahavas Sholem Talmud Torah of West Toronto	Toronto.
Alton United Farmers' Co-Operative Club, Limited, The	Alton.
Aldborough Old Boys' Association, The	Rodney.
Alumnae Association of Nurses' Training School of the Queen Victoria Memorial Hospital, North Bay	North Bay.
Associated Clothing Manufacturers, The	Toronto.
Association of Children's Aid Societies of the Province of Ontario	Toronto.
B	
Brothers of Jacob Congregation	Toronto.
Blyth Memorial Hall	Blyth.
Barrie Community Association	Barrie.
170th Battalion Old Boys' Association	Toronto
Beth Jacob Congregation	Toronto.
Baptist Cemetery Trust of Collingwood, Ont.	Collingwood.
Brenton War Memorial Association	Toronto.
Beaver Meadow Hunt Club	Toronto.
Big Brother Movement of Toronto	Toronto.
C	
Columbus Club of Iroquois Falls, The	Iroquois Falls.
Co-Operative Association of St. Bernardin, Limited	St. Bernardin.
Co-Operative Association of Caledonia, Limited	Routhier.
Chinese National League, The	Toronto.
Chatham Amateur Athletic Association, The	Chatham.
Co-Operative Association of Glen Robertson, Limited	Glen Robertson
Co-Operative Association of Cassburn, Limited, The	L'Orignal
Canadian Watchman Press	Oshawa.
China Mission College	Almonte.
58th Canadian Infantry Battalion Association	Toronto.
Co-Operative Association of Clarence Creek, Limited, The	Clarence Creek.
Creighton Mine Finnish Social Society	Creighton Mines
Co-Operative Association of West Hawkesbury, Limited, The	Vankleek Hill.
Chatham Chamber of Commerce, The	Chatham.
Canadian Pigeon Fanciers' Association, The	Toronto.
Club Joffre	Clarkstown.
Congregation Bnei Israel	Toronto.
Corinth Co-Operative Farmers' Club, Limited, The	Corinth.
Congregation Biker Cholem Anshei Kielce	Toronto.
Canadian Forum, The	Toronto.
D	
Durham County Co-Operative, Limited	Port Hope.
Driftwood River Social Club, The	Shillington.
Dryden Certified Seed Potato Growers' Co-Operative Association, Limited, The	Dryden.
Dual Purpose Shorthorn Club of Canada	Toronto.
E	
Eastwood Farmers' Co-Operative Association, Limited	Eastwood.
East Elgin Memorial Hospital, The	Aylmer.
East Elgin U. F. O. Political Association	Aylmer.

List of Corporations Without Share Capital—*Continued.*

Name of Corporation	Place
F	
Feather Fanciers' Club of Toronto, The	Toronto.
G	
Great War Veterans of Galt	Galt.
Grafton Athletic Association	Grafton.
Greater Toronto Poultry and Pet Stock Association	Toronto.
H	
Hamilton Bird Protection Society, The	Hamilton.
Hickson Community Association	Hickson.
Heroes' Chapter Bond, The	Hamilton.
Hamilton and District Military Institute	Hamilton.
Hermitage, The	London.
I	
Italian Aid and Protective Society of Ontario, The	Toronto.
International Association of Lions Clubs (Ontario)	Toronto.
Industrial Life Insurance Agents Association of Canada, The	Toronto.
K	
Kew Beach Aquatic Club	Toronto.
Kitchener-Waterloo Young Men's Christian Association	Kitchener.
Kakabeka Falls Community Hall Association	Kakabeka Falls
L	
Le Club St. Victor, Alfred, Ontario	Alfred.
Levack Finnish Social Society	Levack.
Lung Kong Kung Shaw Brotherhood, The	Toronto.
London Institute of Musical Art, The	London.
L'Institut Canadien-Francais Du District De Sudbury	Sudbury.
L'Oeuvre Des Etudiants	Sudbury.
M	
Master Horseshoers and Carriage Workers' Association of Ontario Incorporated The	Toronto.
Municipal Voters League of Toronto	Toronto.
Mond Finnish Social Society	Mond.
Meadowbrook Farm Commission, The	Toronto.
Memorial Hospital, Elmira, The	Elmira.
Matilda Community Association (Inc.) The	Brinston.
Muldrew Lakes Cottagers Club	Toronto.
N	
Neighborhood Workers' Association, of Toronto	Toronto.
O	
116th Overseas Battalion Association, The	Toronto.
Old Clothes League, The	Toronto
Ottawa Day Nursery, The	Ottawa.
Oshawa Missionary College	Oshawa.
Orford Farmers' Co-Operative Company, Limited	Muirkirk.
Ontario Mining Association	Toronto.
Ontario Ranchmen's Association, The	Burwash.
Oldcastle Farmers Co-Operative Association, Limited, The	Maidstone.
Ontario Retail Lumber Dealers' Association, Incorporated	Toronto.

List of Corporations Without Share Capital—*Continued.*

Name of Corporation	Place
P	
Port Arthur Labour Association	Port Arthur.
R	
Riverdale Spiritualist Church	Toronto.
Renfrew County Co-Operative, Limited	Renfrew.
Roumanian Orthodox Church of Holy Resurrection in Hamilton	Hamilton.
Russian Ladies' Relief Society, The	Toronto.
Royal Grenadiers Veterans Association	Toronto.
S	
St. Mary's Club of Almonte	Almonte.
Scottish Chorus of Toronto, The	Toronto.
Salariat Club Confederation	Toronto.
South Augusta Farmers' Co-Operative Co., Limited, The	Augusta.
Superior Club, The	Fort William.
Sudbury Club	Sudbury.
Smithville Farmers' Co-Operative Co., Limited, The	Smithville.
Soldiers' National Athletic Association	Toronto.
Stanley Community Hall Association, The	Stanley.
St. Christopher House	Toronto.
Sisters of Misericorde of Toronto, The	Toronto.
T	
Tuxedo Club The	Toronto.
Toronto Clothing Contracts Association, The,	Toronto.
Toronto Automobile Club	Toronto.
Theta Zeta Corporation	Toronto.
Toronto Hockey League Association, The	North Bay.
Toronto Directory for Nurses	Toronto.
Toronto-Victoria Curling and Bowling Club	Toronto.
U	
United Welfare Fund Association of the City of London	London.
V	
Vermillion River Finnish Social Society	Louise.
Verona Farmers' Co-Operative Association, The	Verona.
W	
Wolf Siding Finnish Social Society	Wolf Siding.
War Service Memorial Club of Toronto	Toronto.
West Fairbank Ratepayers' Association	Fairbank.
West Toronto Curling Club, The	Toronto.
Workmen's Co-Operative Association of Fort William	Fort William.
Woodrooffe Athletic Club	Woodrooffe.
X	
Xi Psi Phi Chapter House Association	Toronto.
Y	
Yet Tong Club	Toronto.
Young Women's Christian Association of Niagara Falls, The	Niagara Falls.
York County Athletic Club	Toronto.
Young Judeans of Brantford	Brantford.

List of Corporations Whose Names Were Changed.

From	To	Date
A		
Agricultural Winter Fair Association of Canada	Royal Agricultural Winter Fair Association of Canada	Mar. 22, 1920.
Anderson Company, Limited, The	Andersons, Limited	May 25, 1920.
Andrich & Hyndman, Limited	Hyndman, Limited, H.	July 2, 1920.
B		
Bruce Hunt and Company, Limited	Bruces, Limited	Nov. 11, 1919.
Davidson Bowles, Limited	Bowles, Limited, William	Oct. 28, 1920.
Blakeney Woollen Company, Limited, The	Campbell Woollen Co., Limited, The	Jan. 2, 1920.
Bulletin Presses of Collingwood, Limited	Bulletin Presses, Limited	April 26, 1920.
Brown Optical Company, Limited, Hal	Parker Optical Company, Limited	May 13, 1920.
C		
Canada Pole and Shaft Company, Limited, The	General Forgings and Stampings, Limited	Dec. 9, 1919.
Cox and Cummings, Limited	Cox & Best, Limited	Sept. 7, 1920.
Canadian Regal Motor Company, Limited	Dominion Truck Equipment Company, Limited, The	Oct. 8, 1920.
Cloisonne and Art Glass, Limited, The	Bullas Supplies, Limited	Oct. 1, 1920.
City Hall Tailors, Limited	Evans Manufacturing Company, Limited	Dec. 13, 1919.
Consolidated Stampings and Enamelling, Limited	Republic Stamping & Enamelling Co. of Canada, Limited	Feb. 24, 1920.
Clevenger-Prophet Silver Mines, Limited	Northeastern Mines, Limited	April 17, 1920.
D		
Don Storage & Cartage Co., Limited	Hodgson-Taylor, Limited	Sept. 1, 1920.
Ditchburn Pleasure Boats, Limited	Ditchburn Boats, Limited	Sept. 22, 1920.
Dunlop-Magee Company, Limited, The	Dunlop Co., Limited	April 26, 1920.
E		
Ewart, Jacob & Byam, Limited	Ewart, Jacob, Armer & Byam, Limited	Oct. 12, 1920.
Empire Manufacturing Company, Limited, The	Empire Brass Manufacturing Company, Limited, The	Jan. 22, 1920.
G		
Grimshaw Wool Company, Limited	Grimshaw Bros., Limited	Nov. 14, 1919.
H		
Hercules Rubber Goods, Limited	Hercules Rubber Company, Limited	Mar. 2, 1920.
M		
Machine & Stamping Company, Limited	Russell Gear and Machine Company Limited	July 20, 1920.
Maunder Milling Company, Limited	Finley Woods Milling Company, Limited	Oct. 1, 1920.

List of Corporations Whose Names Were Changed—*Continued.*

From	To	Date
Maclaren Imperial Cheese Co., Limited	Maclaren Wright, Limited	Oct. 15, 1920.
McMullen & Lee, Limited	Lee, Limited, W. H.	Jan. 8, 1920.
Maples, Limited	Canadian Maple Products, Limited	Feb. 4, 1920.
McMullen-Armstrong, Limited	McMullen-Perkins, Limited	Mar. 22, 1920.
MacIntyre, Haining, Kelly Construction Company, Limited	MacIntyre & Kelly Bros., Construction Company, Limited	April 30, 1920.
Mitchell Company, William, Limited	Lampman's, Limited	May 7, 1920.
Molybdenum Alloys, Limited (No personal liability)	North Land Exploration, Limited (No personal liability)	May 10, 1920.
Miller-Beatty Knitting Mills, Limited	Beatty Knitting Mills, Limited	May 29, 1920.
N		
New Empire Wall Paper Company, Limited, The	Empire Wall Paper, Limited	Nov. 1, 1919.
O		
Oshawa Implements Company, Limited, The	Oshawa Implements Company, Limited	Aug. 8, 1920.
Ottawa Hunt Limited, The	Ottawa Hunt and Motor Club, Limited	Oct. 9, 1920.
Ontario Motor Car Company, Ltd., The	Packard-Ontario Motor Company, Limited	Feb. 16, 1920.
P		
Dr. Partin Laboratories Limited	Partin, Limited, L.	Dec. 15, 1919.
Patterson Building Company, Limited, Clare B.	Kerr Builders, Limited	Dec. 6, 1919.
Peoples Manufacturing Company, Limited	Peoples Manufacturing and Sales Company, Limited	April 20, 1920.
Pellerin Pelton Music Company, Limited	Pellerin Music Company, Limited	May 21, 1920.
R		
Republic Motor Car Company of Canada, Limited, The	Lincoln Motors, Limited	Dec. 22, 1919.
The Ric-Wil Under-ground Pipe Covering Company	Ric-Wil Company, The	July. 29, 1920.
Rockland Hotel Company, Limited, The	Stevens & Johnston, Limited	Mar.12, 1920.
S		
Standard Tube and Fence Company, Limited	Standard Tube Company, Limited	July 19, 1920.
Sesekinka Lake Gold Mines, Limited	Cobalt 53 Silver Mines, Limited, The (No personal liability)	Dec. 15, 1919.
Symmes-Young Silver Mines, Limited	Kilpatrick Silver Mines, Limited	Jan. 26, 1920.
Smoot and Company, Limited, J. M.	Steel Service Corporation, Limited, L. R.	April 16, 1920.
T		
Thermos Heating Systems, Limited	Fuel and Heat Systems, Limited	Jan. 8, 1920.
W		
Weber Motor Supplies, Limited	Automotive Equipment, Limited	Feb. 24, 1920.
Western Motor Company, Limited	Western Motors, Limited	Dec. 20, 1919.

List of Corporations Whose Charters Were Surrendered

Name of Corporation	Date
A	
Algoma Construction & Engineering Company, Limited	June 2, 1920.
Acton Burrows, Limited	July 19, 1920.
Aird Island Logging & Trading Company, Limited	Mar. 15, 1920.
B	
Ben Hur Manufacturing Company, Limited, The	Dec. 2, 1919.
Black's Elevator, Limited	Aug. 9, 1920.
Brantford and Paris Plank and Gravel Road Company, Limited	Dec. 11, 1919.
Bowie & Co.'s Brewery, Limited	Feb. 12, 1920.
Border Cities Builders, Limited	Feb. 21, 1920.
Barnes Drug Company, Limited	April 6, 1920.
Brant Theatre Company, Limited, The	April 9, 1920.
Bishop-Barker Company, Limited	June 7, 1920.
C	
Connor and Son, Limited, J. H.	July 19, 1920.
Canadian Hart Wheels, Limited	July 24, 1920.
Connolly-Agnew Construction Company, Limited, The	July 27, 1920.
Canadian Bridge Company, Limited, The	Dec. 9, 1919.
Central Electric Supply Company, Limited	Jan. 9, 1920.
Casbie, Limited, R. H.	Jan. 31, 1920.
Canadian Wolverine Company, Limited	Mar. 22, 1920.
D	
Dixon Brothers, Limited	Dec. 11, 1919.
Davenport Investments, Limited	Sept. 16, 1920.
Dereham Telephone Company, Limited, The	Sept. 23, 1920.
Duke Street Realty Company, Limited, The	Feb. 18, 1920.
E	
Excelsior Electric Manufacturing Company, Limited	Sept. 20, 1920.
F	
French Ivory Products, Limited	Sept. 2, 1920.
Farrar Transportation Company, Limited	Oct. 2, 1920.
G	
Goldstein Jewellery Manufacturing Company, Limited, The	Oct. 25, 1920.
Gelber Bros., Limited	Dec. 22, 1919.
Gray Construction Co., Limited, John V.	Feb. 21, 1920.
H	
Hagersville Contracting Company, Limited	Nov. 11, 1919.
Harris Consolidated Mines, Limited	Sept. 17, 1920.
Hercules Rubber Company, Limited	May 7, 1920.
I	
Interlake Tissue Mills, Limited	Mar. 11, 1920.
K	
Keeley Mine, Limited	Oct. 29, 1920.
Kitchener Manufacturers' Association, The	Jan. 26, 1920.
Ken Knit Company, Limited	Feb. 21, 1920.

List of Corporations Whose Charters Were Surrendered—*Continued.*

Name of Corporation	Date
L	
Long Furnishing Company, Limited, M. E.	July 2, 1920.
Lake of the Woods Boom Private Company, Limited	July 30, 1920.
Loon Lake Hunting Club	Oct. 12, 1920.
M	
McGregor-Banwell Fence Company, Limited, The	Nov. 29, 1919.
Mann Brick Company, Limited, The, John	Oct. 13, 1920.
Moore's, Limited	Oct. 27, 1920.
Miller Manufacturing Company, Limited, The	April 14, 1920.
McDonald, Burne, Limited	May 26, 1920.
Metal Specialties, Limited	Feb. 9, 1920.
N	
Niagara District Telephone Company, Limited, The	Nov. 28, 1919.
Niles, Limited, W. P.	Jan. 23, 1920.
National Paper Goods Company, Limited, The	Dec. 30, 1919.
O	
Orpen Conduit Co., Limited, The	Dec. 18, 1919.
Ontario Cement, Limited	April 23, 1920.
P	
Paste and Gum Company, Limited, The	Dec. 9, 1919.
Poag and Company, Limited, John	June 14, 1920.
R	
Rockland Chocolate Company, Limited	Dec. 2, 1919.
Roxborough Independent Telephone Co., Limited, The	April 23, 1920.
Royal Hotel Company of Hamilton, Limited, The	May 7, 1920.
S	
Secours National of Toronto	Nov. 5, 1919.
St. Thomas Construction Company, Limited, The	Sept. 27, 1920.
Sanitary Can Company, Limited, The	Oct. 19, 1920.
St. Mary's Cement, Limited	Jan. 17, 1920.
Smart-Turner Machine Company, Limited, The	Feb. 11, 1920.
T	
Toronto Shipbuilding Company, Limited	June 9, 1920.
Taylor & Wilson, Limited	Aug. 25, 1920.
Tudhope Carriage Company, Limited, The	Aug. 28, 1920.
Toronto Cloak School, Limited	Oct. 1, 1920.
Toronto Cement Products Company, Limited	Jan. 26, 1920.
U	
United Fuel Supply Company, Limited	Dec. 30, 1919.
Uplands, Limited	May 19, 1920.
V	
Vanstone-Reade Manufacturing Company, Limited, The	Dec. 29, 1919.
W	
Windsor Curling Rink Company, Limited, The	Sept. 7, 1920.
Wellington Building Corporation, Limited	April 6, 1920.

List of Corporations Licensed to do Business in Ontario.

Name of Corporation	Where Incorporated	Attorney
A		
American Salvage Company	New Jersey	Robert Smyth.
Arrowhead Mills, Inc.	New York	Daniel Urquhart.
American Fuel Company, Limited, The	Dominion	George W. Hunt.
Alberta Motor Specialty Co., Limited	Alberta	James Alexander Nesbitt
Ames Holden Tire Company, Limited	Dominion	Augustus Ellsworth Parmenter.
American Window Glass Company	Pennsylvania	William H. Wood.
Ames Holden Felt Company, Limited	Dominion	Herbert Detwiler Huber
Aylmer Shoe Company, Limited, The	Dominion	Frank Leslie Wagner.
Aked & Company, Limited	Dominion	Thomas Oswald Aked.
B		
Bissell Carpet Sweeper Company of Canada, Limited	Dominion	Percy D. Weston.
Baldwins Canadian Steel Corporation, Limited	Dominion	Archibald Montgomery Russell.
Bowes Company, Limited	Dominion	George Douglas Wilson.
Brandt Manufacturing Company	Wisconsin	James E. Day.
Brunswick Shops, Limited	Dominion	Gregory S. Hodgson.
Burroughs Adding Machine, Canada, Limited	Dominion	Robert N. Ahern.
Burrell & Co., Inc., D. H.	New York	Archibald Nelson Gray Somerville.
Beatrice Creamery Company	Illinois	Albert V. Palmer.
Border Cities Company, Limited	Dominion	William Eveleigh Gundy.
Brown and Sons (Canada) Limited, John S.	Dominion	William H. Baker.
C		
Canadian Cartage & Storage Company, Limited	Dominion	Thomas Symington.
Consolidated Producing & Refining Corporation	Delaware	Gideon Grant.
Canadian Nashua Paper Company, Limited	Dominion	Robert A. Brown.
Caldwell, Limited, R. J.	Dominion	Arthur Balfour Harris.
Coke Oven Company of Canada, Limited	Dominion	G. B. Bennington.
Conover-Stewart, Inc.	Michigan	Raymond E. Marentette.
Canadian National Institute for the Blind	Dominion	License in Mortmain.
Coca-Cola Company, The	Delaware	Charles A. Martin.
Capreol-Hamner Lands, Limited	Dominion	Robert George Osborne.
Cross Fertilizer Company, Limited, The.	Dominion	Alfred L. Smith.
Cassel Cyanide Company of Canada, Limited, The	Dominion	James Steller Lovell.
Cluett, Peabody & Co., of Canada, Limited	Dominion	Frank R. Caldwell.
Canadian Packing Company, Limited	Dominion	Strachan Johnston.
Continental Wood Products Company, Limited	Dominion	William John McWhinney.
Claudius Ash Sons & Co. (of Canada) Limited	Dominion	James Walter Brent.
Canada Creosoting Company, Limited	Dominion	Britton Osler.
Canada Boxboard Company, Limited	Dominion	George Gale Kerry.
Clark Dental Manufacturing Company, Limited	Dominion	Henry P. R. Temple.
Clayton, Neil, & Jones, Limited	Dominion	Thomas Marsden Jones.

List of Corporations Licensed to do Business in Ontario—*Continued.*

Name of Corporation	Where Incorporated	Attorney
Canadian Fabrikoid, Limited	Dominion	T. L. Gallagher.
Cash Incorporated, J. & J.	Connecticut	George Bagley.
Canadian John Wood Manufacturing Company, Limited	Dominion	Frank C. Hamilton.
Chippewa Petroleum Corporation	New York	George S. Kerr.
Commercial Cars, Limited	Great Britain and Ireland	Edward Duncan Cleghorn.
Canadian Western Steel Corporation, Limited	Dominion	Thomas Dowsley Kennedy.
Crawley and McCracken Company, Limited	Quebec	George J. Valin.
Collier & Son Distributing Corporation, F. F.	New Jersey	T. H. Julian.
D		
Dominion Industries, Limited	Great Britain and Ireland	Kenneth Ferguson MacLaren.
Dominion Stores, Limited	Dominion	Morley Smith.
Day's, Limited	Dominion	Charles W. Day.
Dominion Loose Leaf Company, Limited	Dominion	Harold Fisher.
Dominion Oxygen Company, Limited	Dominion	Leighton McCarthy.
Deer Park Garage & Livery, Limited	Dominion	James Steller Lovell.
Davies & Company Limited, Charles A.	Dominion	Charles A. Davies.
Designer Publishing Company, Inc., The	New York	Claude Richard Jordan.
Dodge Manufacturing Company of Canada, Limited	Dominion	James Steller Lovell.
E		
Elite Pattern Service, Inc., The	New York	W. R. P. Parker.
Exide Batteries of Canada, Limited	Dominion	Robert Everett Laidlaw.
Electric Stampings, Limited	Dominion	Michael Joseph O'Reilly.
F		
Foster, Merriam and Company	Connecticut	Charles Victor Grantham
Flint Varnish and Color Works of Canada, Limited, The	Dominion	Thomas L. Gallagher.
Ferranti Meter and Transformer Manufacturing Company, Limited, The	Dominion	George Cooper Royce.
Famous Players Canadian Corporation, Limited	Dominion	Strachan Johnston.
Fry & Sons (Canada), Limited, J. S.	Dominion	Harold Woodley.
Fisher-Wilkie, Limited	Dominion	Clifford Albert Ripley.
G		
General Motors Export Company	Michigan	Edward J. Webb.
Gude Company, Limited, The, O. J.	Dominion	Kenneth Ferns Mackenzie.
Guth Chocolate Company of Delaware	Delaware	James McCoubrey.
Gerrard Wire Tying Machine Co., Limited	Dominion	William S. Bauer.
Givan, Limited, H. E.	Dominion	Harry Edward Givan.
Good-McGiverin Currie Co.	Michigan	Edmund Anderson Cleary.
H		
Ham Brothers Company, Limited	Dominion	William Thomas Henderson.
Hurlbut Company, Limited, The	Dominion	Charles G. Robertson.

List of Corporations Licensed to do business in Ontario—*Continued*

Name of Corporation	Where Incorporated	Attorney
I		
Infants' Footwear, Limited	Great Britain and Ireland	Frederick William Raymond.
International Magazine Company	New York	W. R. P. Parker.
Iron City Engineering Company	New Jersey	John H. Rodd.
Ingersoll File Company, Limited	Dominion	James Leith Ross.
Interprovincial Clay Products, Limited	Dominion	F. B. McFarren.
Ingersoll Machine and Tool Company, Limited	Dominion	James Leith Ross.
J		
Jackson & Tindle, Inc.	New York	James W. Bain.
K		
Knight Metal Products, Limited	Dominion	Harry W. Knight.
Keeley Silver Mines, Limited	Great Britain and Ireland	William Henry Stafford.
Kirkland Lake Proprietary (1919) Limited	Great Britain and Ireland	Alexander Fasken.
Keasbey & Mattison Company	Commonwealth of Pennsylvania	William Kaspar Fraser.
L		
La Compagnie Chas. A. Julien, Limited	Quebec	Henry Andrew O'Grady.
Loraine Chocolate Corporation, Limited	Dominion	Edward Victor Donaldson.
Loew's Windsor Theatres, Limited	Dominion	William Symon Morlock.
La Monte & Son, Limited, George	Dominion	Alexander Fasken.
Leyland Motors, Limited	Great Britain and Ireland	William Easson Humphreys.
Lowney Company of Canada, Limited, Walter M., The	Dominion	William George Varty.
M		
Merchants Realty Corporation, Limited, The	Dominion	Abraham Bradley Patterson.
Multiple Electric Products Company, Inc.	New York	Albert E. Fleming.
Mason Regulator and Engineering Company, Limited, The	Dominion	Samuel Balmfith.
Meadows & Company, Canada, Limited, Thomas	Dominion	Herbert William Vaughan.
McCormick Company, Inc., The	Delaware	George Wilkie.
McDonald Lumber Company, Limited, Alfred	Dominion	John Raymond McDonald.
Mutual Finance Corporation, Limited	Dominion	George Alexander Urquhart.
Midland Rubber Company, Limited, The	Great Britain and Ireland	Frederick Norman Crier.
Morris Pianos, Limited	Dominion	John Henry Pettit.
N		
National Steel Car Corporation, Limited	Dominion	James Steller Lovell.
National Pole Company	Michigan	L. D. Hickey.
Norlite Realty Company, Limited	Dominion	Harold Fisher.

Corporations Licensed to do Business in Ontario—*Continued.*

Name of Corporation	Where Incorporated	Attorney
Northern Finance, Limited	Manitoba	John Beckman.
National-Standard Company of Canada, Limited	Dominion	William H. Day.
North American Dye Corporation, Limited	Dominion	Gordon P. Ewings.
Naval Veterans' Association	Dominion	License in Mortmain.
O		
Ottawa House Furnishings, Limited	Dominion	Caspar Caplan.
Osler & Co., Limited, A. E	Dominion	Gordon Taylor.
P		
Pittsburg Coal Washer Company, The	Pennsylvania	James Houston Spence.
Paterson, Limited, William	Dominion	William Thomas Henderson.
Pulp Wood Supply Corporation	New York	Arthur G. Slaght.
Pepsodent Company	Illinois	Frank Erichsen Brown.
Parisian Products Company, Limited	Dominion	Henry Cooke.
Port Arthur (Ontario) Developments, Limited	Great Britain and Ireland	William Fitzgerald Langworthy.
Q		
Quebec Fabric Company, Limited	Dominion	Arthur Balfour Harris.
R		
Rockland Cocoa and Chocolate Company, Limited	Dominion	George D. Fisk.
Ritchie and Company, Limited, Harold F	Dominion	Harold F. Ritchie.
Robbins, Incorporated, Charles C	Illinois	George Sutton Biggons.
Roelofson Machine and Tool Company, Limited	Dominion	Edward C. Roelofson.
S		
Simplicity Sales Company, Limited	Dominion	Lionel Davis.
St. Clair River Gardens Company, The	Michigan	John Washburn.
Steel Alloys Corporation	Delaware	Edgar Ainslie Wright.
Samson Tractor Company of Canada, Limited	Dominion	Strachan Johnston.
Standard Metal Goods Company, The	Ohio	Trevor R. Manning.
Sterling Products, Limited	Dominion	George Charles Loveys.
Steel Company, Limited, L. R	Dominion	Peter White.
Saskatchewan Co-Operative Export Company, Limited, The	Saskatchewan	Percy McCallum.
Swift Wool Company	Illinois	T. B. Hayward.
Simons, Day and Company	Illinois	Harry C. May.
Smoot Service Corporation, Limited, The	Dominion	James Steller Lovell.
Super-Cement (America) Company, Limited	Dominion	John O'Gorman.
Shinn Manufacturing Company of Canada, Limited	Dominion	William H. Day.
Stein & Company, Limited, A	Dominion	George Charles Loveys.
Sharples Milker Company	Pennsylvania	W. E. Fitzpatrick.
Simmons, Limited	Dominion	R. H. Browne.
Sellers Kitchen Cabinet Company of Canada, Limited, The	Dominion	Alexander Henry Davidson.

List of Corporations Licensed to do Business in Ontario—*Continued.*

Name of Corporation	Where Incorporated	Attorney
T		
Thomas Organ and Piano Company, Limited	Dominion	Alfred Servos Ball.
Tompkins & Co., Inc.	New York	Emerson Edwin Summers
Tide Water Oil Sales Corporation	Delaware	W. R. P. Parker.
Trans-Canada Theatres, Limited	Dominion	George Charles Loveys.
Taylor Instrument Companies	New York	Arthur H. Allen.
U		
United Grain Growers, Limited	Dominion	Britton Osler.
United States Playing Card Company, The	Ohio	George Charles Loveys.
V		
Valve Bag Company, The	Ohio	Oscar Ernest Fleming.
Victor Saw Works, Inc.	Delaware	Frederick James Macdonell.
W		
Ward Baking Company, Limited	Dominion	George Wilkie.
Wood Pipe Company, Limited	Dominion	Alexander Macdonnell.
Willard Storage Battery Company	West Virginia	John Thomas Foster.
Wethey, Limited, J. H.	Dominion	Harry Southcott.
Western Clock Company, Limited	Dominion	George M. Clark.
Witkowski & Company, Limited, J.	Japan	Frank Erichsen Brown.
Whitney Company, J. C.	Illinois	Eugene Vere Powers.
Ward Systems Company of Canada, Limited, The	Dominion	James Steller Lovell.
Williams & Company, Limited, Walter	Quebec	Herman E. Boulton.
Wilson, Paterson & Gifford, Limited	Dominion	William Bradnee Bate.
Wander, A., Limited	Great Britain and Ireland	William Henry McQuire.
Windsor Petroleum & Refining Company, Limited	Dominion	Harvey Leroy Barnes.

LIST OF CORPORATIONS TO WHOM SUPLEMENTARY LICENSES WERE ISSUED.

NAME OF CORPORATION.	Date
A	
American Can Company (authorizing the Corporation to use in Ontario capital to the extent of One million, two hundred and fifty thousand dollars)	Feb. 24, 1919.
B	
Burrell & Co., Inc., D. H. (authorizing the Corporation to use in Ontario capital to the extent of One hundred thousand dollars)	July 21, 1920.
Borden Company, Limited, The (changing the name from Borden Milk Company, Limited)	July 27, 1920.
C	
Castle, Limited (authorizing the Company to exercise powers granted under its original name of The F. J. Castle Company, Limited)	July 15, 1920.
Childs Company (authorizing the Company to use capital to the extent of Five hundred thousand dollars)	May 18, 1920.
Crane, Limited (authorizing the Company to use capital to the extent of Seven hundred and forty thousand dollars)	May 28, 1920.
D	
Dominion Paint Works, Limited (authorizing the Corporation to use capital to the extent of Five hundred thousand dollars)	Oct. 12, 1920.
E	
Emerson Drug Company (authorizing the Corporation to use capital to the extent of Fifty thousand dollars)	July 27, 1920.
H	
Harper Presnail Cigar Company, Limited (authorizing the Corporation to use in Ontario capital to the extent of Two hundred thousand dollars)	June 15, 1920.
Hamilton & Company, Limited, J. S. (changing name from The Pelee Island Wine and Vineyards Company, Limited, and increasing the capital to Forty-eight thousand dollars)	July 15, 1920.
Heinz Company, H. J. (authorizing the Corporation to use in Ontario capital to the extent of One million five hundred thousand dollars)	Mar. 23, 1920.
N	
Norton Company (authorizing the Corporation to use capital to the extent of One million dollars)	Dec. 22, 1919.
Norton Company (extending powers)	Feb. 4, 1920.
O	
Oneida Community, Limited (authorizing the Corporation to use capital to the extent of One million dollars)	Mar. 23, 1920.
V	
Vermont Marble Company (authorizing the Company to use capital to the extent of One hundred and fifty thousand dollars)	April 7, 1920.

PROCLAMATIONS GAZETTED.
1920

Name	Date
Re The County Judge Act, 1919	Nov. 8, 1919. Nov. 15, 1919. Nov. 22, 1919. Nov. 29, 1919.
Re Reward for arrest of murderer of John G. Rowland	Nov. 15, 1919. Nov. 22, 1919. Nov. 29, 1919. Dec 6, 1919.
Re The Optometry Act, 1919	Nov. 22, 1919.
Re Reward for arrest of the person who caused the death of Joseph Carmintino	Dec. 6, 1919. Dec. 13, 1919. Dec. 20, 1919.
Re Appointment of Lionel Herbert Clarke to be Lieutenant-Governor of the Province of Ontario	Dec. 6, 1919. Dec. 13, 1919.
Re Industrial Schools Amendment Act, 1920	June 26, 1920. July 3, 1920. July 10, 1920.
Re The Hospitals and Charitable Institutions Amendment Act, 1920	July 3, 1920. July 10, 1920. July 17, 1920.
Re The Sanatoria for Consumptives Amendment Act, 1920	July 3, 1920. July 10, 1920. July 17, 1920.
Re The Adolescent School Attendance Act, 1919	July 31, 1920. Aug. 7, 1920. Aug. 14, 1920.
Re The Statute Law Amendment Act, 1919	Sept. 11, 1920. Sept. 18, 1920. Sept. 25, 1920.
Re Arrest of murderer or murderers of Phillip Goldberg	Sept. 18, 1920. Sept. 25, 1920. Oct. 2, 1920.
Re "Safety Week"	Sept. 25, 1920. Oct. 2, 1920. Oct. 9, 1920.
Re Thanksgiving Day	Oct. 2, 1920. Oct. 9, 1920. Oct. 16, 1920.
Re Fixing Monday, April 18, 1921, as voting day re prohibition	Oct. 9, 1920. Oct. 16, 1920. Oct. 23, 1920.
Re Arrest of the slayer of Dorothy Buchanan	Oct. 3, 1920.
Re Despatch of Business	Feb. 7, 1920. Feb. 14, 1920. Feb. 21, 1920. Feb. 28, 1920. Mar. 6, 1920.
Re Assessment Act	Mar. 20, 1920. Mar. 27, 1920.

REPORT

RELATING TO THE REGISTRATION OF

Births, Marriages and Deaths

IN THE

PROVINCE OF ONTARIO

FOR THE

Year Ending 31st December,

1920

(Being the 51st Annual Report)

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

TORONTO:
Published by CLARKSON W. JAMES, Printer to the King's Most Excellent Majesty
1922

Printed by
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16 PEARL STREET
Toronto

To His Honour the Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Fifty-first Annual Report of the Registrar-General, relating to the Registration of Births, Marriages and Deaths in the Province of Ontario, during the year 1920.

Respectfully submitted,

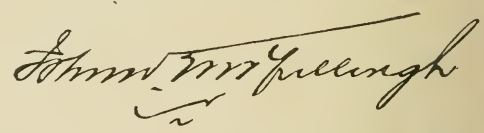
H. C. NIXON,
Registrar-General of Ontario.

SIR:—

I have the honour to submit for your approval the Fifty-first Annual Report made in conformity with and under the provisions of the Act respecting the Registrations of Births, Marriages and Deaths in the Province of Ontario, for the year ending December 31st, 1920.

I have the honour to be, Sir,

Your obedient servant,



Deputy Registrar-General.

TO HON. H. C. NIXON,
Registrar-General of Ontario

REPORT UPON

Births, Marriages and Deaths

FOR THE YEAR 1920

The Fifty-first Annual Report of Vital Statistics for the Province of Ontario is herewith presented.

POPULATION.

The estimated population for the year 1920 is 2,895,370. This is an increase of 2% over the estimated population for 1919. A difficulty always exists in estimating the population for intercensil years, and toward the close of the decade the probable discrepancy between the actual and estimated figures may be very considerable. Indeed, each census year has shown this to be true. The distribution of the estimated population for the current year is as follows: The cities contain 54%; the towns of over 5,000 population but 5.8%; while only 40.2% remain in the rural municipalities, villages and towns of less than 5,000 population.

BIRTHS (Excluding Still-Births).

The number of births, together with the birth rate for the years 1919-1920, is set out in the following table:

	1920	Ratio	1919	Ratio
Entire Province	72,511	25.0	12,774	22.1
Cities	32,080	27.5	26,903	23.6
Towns (5,000 pop. and over)	5,679	33.8	4,367	28.1
Rural	34,752	22.2	33,459	20.4

There was an increase of 9,737 births or 1.3% over those of 1919. The rate for the decade was 23.3.

The month of March showed the largest number of births for any of the twelve months of the year; May followed closely with February and April third and fourth respectively.

	Sex.	Total.	January.	February.	March.	April.	May	June.	July.	August.	September.	October.	November.	December.	No. prs. twins	No. cases Triplets.	Illegitimates.	Still-births.
Grand Total Province...	..	72511	6231	6381	6470	6314	6452	6271	6235	6154	5939	5567	4941	5556	56	8	1493	2495
Total, all Municipalities..	M	37196	3219	3323	3240	3257	3235	3277	3237	3179	3012	2862	2550	2855	740	15	766	1454
Total.....	F	35315	3012	3058	3230	3057	3217	3044	2998	2975	2927	2705	2391	2701	720	9	727	1041
Total, Rural.....	..	34752	2992	3045	3168	2998	3081	2965	2935	2955	2963	2742	2338	2570	346	4	459	1075
Total.....	M	17796	1577	1546	1596	1575	1579	1504	1532	1500	1449	1407	1231	1300	361	12	223	615
Total.....	F	16956	1415	1499	1572	1423	1502	1461	1403	1455	1514	1335	1107	1270	331	..	236	460
Total, Cities only.....	..	32080	2712	2863	2772	2820	2868	2838	2789	2681	2519	2883	2249	2585	328	3	933	1199
Total.....	M	16574	1384	1529	1392	1438	1414	1488	1454	1411	1335	1223	1160	1346	330	3	492	707
Total.....	F	15506	1328	1334	1380	1382	1454	1350	1335	1270	1184	1161	1089	1239	326	6	441	492
Total, Towns, 5,000 pop. and over.....	..	5679	527	473	530	496	503	468	511	518	457	441	354	401	5	61	101	221
Total	M	2826	258	248	252	244	242	235	251	268	228	232	159	209	49	..	51	132
Total.....	F	2853	269	225	278	252	261	233	260	250	229	209	195	192	63	3	50	89

There were 37,196 male and 35,315 female births, or 105 male to 100 female births. There were 1,493 illegitimate births registered, or 19.7 per 1,000.

During the year, 69.2% of the illegitimate births occurred in the cities and towns. This was a rate of 27.3 per 1,000 births. The rural municipalities contributed 30.8% of the whole number, being a rate of 13.2 per 1,000 births. Toronto, being the largest city in Ontario, contributed 449 illegitimate births, giving a rate of 33 per 1,000 of total births. The rate in Ottawa is 62.2 per 1,000 births. This high rate of illegitimacy in Ottawa is not necessarily due to greater immorality in that city, but to the fact that a large institution is situated in Ottawa, where women and girls from all over the continent go to give birth to illegitimate children.

MULTIPLE BIRTHS.

There were 730 pairs of twins registered during the year, 740 being boys and 720 girls; of triplets there were 8 cases; 15 of the twenty-four babies being boys and 9 of them girls.

STILL-BIRTHS.

The number of still-births registered was 2,495. (These are not included in any figures relating to births). Of these, 1,199 or 47.9% occurred in the cities, 221 or 8.8% in the towns, and 1,075 or 43.1% in the rural municipalities.

MARRIAGES.

There were 29,104 marriages registered during the year, corresponding to a rate of 10.0 per 1,000 of population. This is the highest rate since 1913, when the rate was similar. The rate is 1.0 greater than that for the decade and 0.7 higher than that for the preceding year.

The following table exhibits a comparison as between this and last year, as well as showing the rates per 1,000 of population.

	1920	Ratio	1919	Ratio
Entire Province	29,104	10.0	26,328	9.3
Cities	16,694	14.3	14,444	13.0
Towns (5,000 pop. and over)	2,132	12.7	1,828	12.3
Rural	10,278	6.5	10,056	6.0

There was a numerical increase of 2,776 over the preceding year which represents an increase of 10.5%. These figures further represent an increase of 32.8% over the number of marriages for 1918, which had the smallest number for many years.

The following table shows the marriages by months.

	Total.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Province	29,104	1,927	1,701	1,823	2,621	2,054	4,140	2,089	2,220	3,389	2,621	2,199	2,320
Cities	16,694	1,088	952	981	1,499	1,272	2,349	1,317	1,352	1,861	1,569	1,213	1,241
Towns	2,132	146	130	97	187	155	316	162	200	267	154	169	149
Rural	10,278	693	619	745	935	627	1,475	610	668	1,261	898	817	930

MARRIAGES BY AGES.

	Total.	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 & over.	Not stated
Grooms	29,104	803	9,969	8,867	4,326	2,230	1,131	692	463	252	183	115	72	1
Brides	29,104	5,548	12,060	6,238	2,438	1,322	646	364	220	128	95	32	11	2
		6,351	22,029	15,105	6,764	3,552	1,777	1,056	683	380	278	147	83	3

The mean age of marriage was bridegrooms, 28.7 years, brides, 24.9, and both sexes, 26.8.

Of the 29,104 marriages, 25,177 or 86.6% took place by license and 3,927, or 13.4% by banns.

CONJUGAL RELATIONS

	Number of Marriages between									Total Marriages
	Bachelors and			Widowers and			Divorced Men and			
	Spinsters.	Widows.	Divorced Women.	Spinsters.	Widows.	Divorced Women.	Spinsters.	Widows.	Divorced Women.	
Province	26,131	623	28	1,246	884	19	51	14	8	29,104
Cities	14,727	478	26	851	532	17	45	12	6	16,694
Towns	1,700	23	.....	51	54	1	2	.....	.....	1,831
Rural Municipalities	9,804	122	2	344	298	1	4	2	2	10,579

	Bachelors who Married			Widowers who Married			Divorced Men who Married		
	Spinsters.	Widows.	Divorced Women.	Spinsters	Widows.	Divorced Women.	Spinsters.	Widows.	Divorced Women.
1913	23,768	803	124	1,249	813	44	94	30	73
1914	21,468	651	31	1,294	730	10	37	10	14
1915	21,551	435	21	833	641	6	14	2	3
1916	21,697	350	13	720	592	5	17	4	3
1917	19,773	247	4	763	682	7	15	3	5
1918	17,622	334	15	802	721	4	18	5	4
1919	23,960	498	7	989	817	12	29	10	6
1920	26,231	623	28	1,246	884	19	51	14	8

First and subsequent marriages, Number per 1,000 marriages.

	Men		Women	
	First.	Subsequent.	First.	Subsequent.
1913	915	85	930	70
1914	914	86	941	56
1915	937	63	953	47
1916	944	56	958	41
1917	931	69	956	44
1918	921	79	945	55
1919	930	70	949	51
1920	924	76	947	53

MARRIAGES BY DENOMINATIONS

Denominations.	Total.	Bride-grooms.	Brides.	Number and % who intermarried.	Number and % who contracted mixed marriages.
Anglican	13,679	6,712	6,967		
Presbyterian	12,765	6,571	6,194		
Methodist	14,176	7,039	7,137		
Roman Catholic	10,235	5,100	5,135		
Baptist	3,463	1,711	1,752		
Congregationalist	316	157	159		
Lutheran	1,185	598	587		
Evangelical Association	215	95	120		
Hebrew	672	342	330		
Salvation Army	212	99	113		
Others	1,272	668	604		
Not given	18	12	6		

DEATHS.

During the year the number of deaths registered was 40,440 being a rate of 13.9 per 1,000 of population. This is a numerical increase of 6,430, corresponding to a ratio increase of 2.0 per 1,000 of population.

The comparison between the years 1919 and 1920, are shown in the following table.

	1920	Ratio	1919	Ratio
Entire Province	40,440	13.9	34,010	11.9
Cities	17,473	15.0	14,238	12.8
Towns (5,000 pop. and over)	3,049	18.1	2,166	14.5
Rural	12,918	12.7	17,606	11.1

There were 1,629 more male than female deaths, the deaths of males exceeding those of females by 18%.

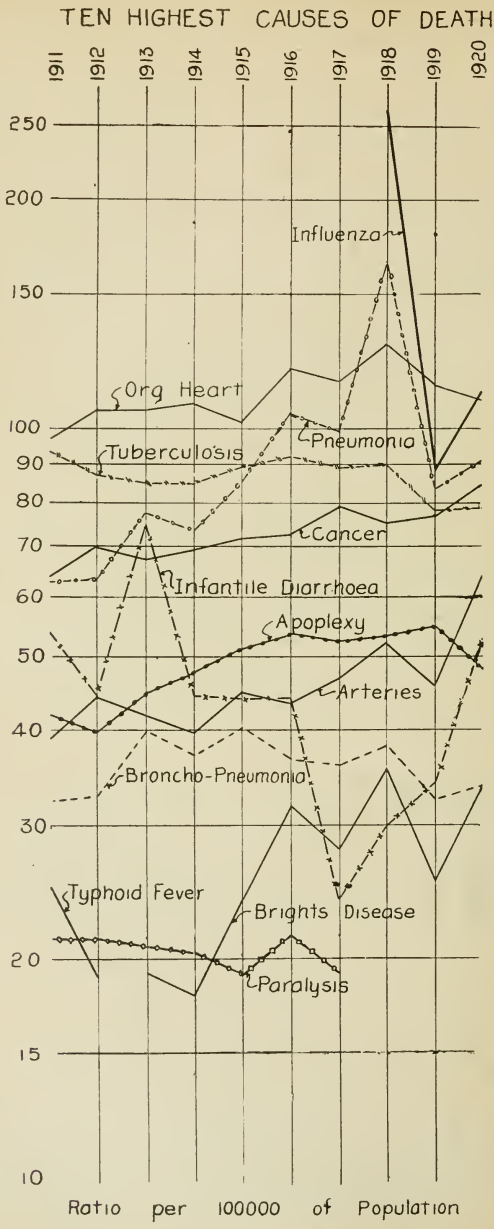
The rates of the ten highest causes of death for the decade are herewith shown per 100,000 of population.

TEN HIGHEST CAUSES OF DEATH IN EACH YEAR PER 100,000 OF POPULATION.

(For Ten Years.)

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
Apoplexy	40.2	39.8	44.8	47.5	51.2	53.5	52.3	53.2	54.7	48.1
Bright's Disease	32.2	32.7	40.0	37.2	40.3	36.7	36.0	38.2	32.3	33.8
Broncho-Pneumonia	.....	.....	19.2	17.9	23.9	31.9	27.9	35.5	25.2	34.0
Typhoid Fever	25.2	19.4	.....	.....	.....	.....	.....	.....	.....	.....
Cancer	63.5	68.9	67.4	69.6	71.6	72.6	79.3	75.5	76.9	85.1
Disease of the Arteries	39.0	44.2	41.7	39.7	44.8	43.4	46.8	52.2	45.7	64.8
Infantile Diarrhoea	54.2	44.4	74.4	44.2	43.0	43.9	23.9	30.1	34.0	53.6
Paralysis Unspecified	21.3	21.2	20.7	20.3	19.0	21.5	19.1	.....	.....	.....
Influenza	.....	.....	.....	.....	.....	.....	.....	262.2	88.8	113.1
Pneumonia	62.2	63.0	77.4	73.0	84.9	105.6	99.7	166.5	82.9	91.6
Tuberculosis	93.2	87.1	85.6	85.1	89.2	92.2	88.9	90.0	78.0	78.7
Organic Heart Disease	96.4	105.5	105.7	108.1	102.4	120.1	116.0	129.5	114.1	109.5

Eight of these ten diseases show increases for the year 1920 over the rates for 1919, while but two, apoplexy and organic diseases of the heart show decreases. These ten chief causes of death are shown in the accompanying diagram, this diagram being plotted on a logarithmic permits of comparison of cause with cause and year with year. Any two curves, or portions of the same curve which are parallel represent equal percentage rates of change; any contrast of direction represents a corresponding contrast in percentage change.


TEN HIGHEST CAUSES OF DEATH
1911
1912
1913
1914
1915
1916
1917
1918
1919
1920
250
200
150
100
90
80
70
60
50
40
30
20
15
10
Influenza
Org Heart
Pneumonia
Tuberculosis
Cancer
Infantile Diarrhoea
Apoplexy
Arteries
Broncho-Pneumonia
Typhoid Fever
Brights Disease
Paralysis
Ratio per 100000 of Population

DEATHS FROM TUBERCULOSIS.

The deaths from this cause numbered 2,280 being a numerical increase of 65 over those of 1919. This represents a rate of 78.7% per 100,000 of population.

The city municipalities had 871 deaths, being a rate of 74.7 per 100,000 of population, while the towns of over 5,000 population had 143 deaths, a rate of 85.7; the rural municipalities had 1,266, being a ratio per 100,000 of population of 81.0.

The following table presents the deaths from tuberculosis by age, groups, rates, etc., for a decade.

DEATHS IN ONTARIO FROM TUBERCULOSIS BY AGES, 1911-1920.

Year.	Total.	Ratio per 100,000.	Under 5 years.					5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	70-79	80 & over.	Not stated.	Total deaths from all causes.
			0-1	1	2	3	4												
....	.....		547	369	238	151	145	463	635	1,895	6,523	4,935	3,139	2,180	1,505	673	133	293	.....
1911	2,353	93.2	63	30	15	10	18	48	64	181	618	476	325	218	156	85	12	34	31,878
1912	2,250	87.1	53	30	19	9	15	46	42	154	631	500	304	200	134	64	7	42	32,150
1913	2,294	85.6	52	36	20	10	18	32	41	188	632	479	313	204	156	56	10	47	34,317
1914	2,340	85.1	54	41	20	16	11	56	58	181	688	469	307	214	116	63	12	34	32,440
1915	2,466	89.2	79	39	25	19	16	55	74	168	676	516	273	242	176	73	15	20	33,294
1916	2,559	92.2	66	43	35	19	9	53	61	224	683	536	327	238	156	68	17	24	35.580
1917	2,460	88.9	51	43	26	19	11	45	70	196	664	490	351	240	144	72	18	20	33,284
1918	2,519	90.0	39	35	35	13	27	40	86	242	677	526	323	207	161	66	15	27	43,038
1919	2,215	78.0	44	32	21	12	25	61	54	175	575	459	311	192	155	66	11	22	34,010
1920	2,280	78.7	48	37	24	21	14	52	74	177	602	480	323	195	146	55	9	23	40,440

It is pleasing to note that the death rate from tuberculosis has not increased to any appreciable extent as between 1919 and 1920, although there was an increase in the general death rate of 200 per 100,000 of population. The fight against this disease as waged by local and provincial Boards of Health, as well as the great assistance rendered by private institutions is beginning to have a marked effect on the death rate.

The campaign against tuberculosis has received invaluable assistance from various municipalities, such as Toronto, Hamilton and Kitchener, from voluntary societies, such as the National Sanitarium Association, from the Health Associations of Ottawa, Hamilton, London, Peterboro, Essex, St. Catharines, the Heather Club and the Children's Preventorium, the latter two being under the control of the Daughters of the Empire. Excellent educational work has been done by the Canadian Association for the Prevention of Tuberculosis, through their indefatigable Secretary, Dr. Geo. D. Porter. The number of sanatoria has increased in the decade from ten to twenty-five, the accommodation having grown from 615 to upwards of 2,000 beds. The Ontario Government provides an amount up to $4,000 towards the erection of a sanatorium in a county or group of counties, and 75 cents per day for each patient under treatment. The annual grants have risen in the ten years from $26,073 to $279,-049.22. The spread of the policy of milk pasteurization has materially helped to prevent the incidence of glandular, bone and joint tuberculosis, which are regarded as being largely of the bovine type. While army experience seems to have shown that the stress of war conditions greatly excited latent tuberculosis among the soldiers, it is gratifying to note that the reduction in the mortality of this disease among our people during the period is a substantial one, the

mortality rate having dropped from 102 to 78 per 100,000 of the population. There are certain diseases, and tuberculosis is one of them, in the prevention of which the Dominion Government should lend greater assistance to the provinces. The entire cost of the tuberculosis work in Canada, with the exception of the $10,000 voted to the Canadian Association, is borne by the provincial Governments. The prevention of this disease is a national question, which can only be solved by the earnest support of the whole country. The notification of tuberculosis was established by law in 1912.

TOTAL NUMBER OF DEATHS FROM TUBERCULOSIS IN EACH COUNTY IN ONTARIO FOR TEN YEARS, 1911-1920.

——	Totals	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
Totals....	23,736	2,353	2,250	2,294	2,340	2,466	2,559	2,460	2,519	2,215	2,280
Algoma.....	367	33	33	39	28	34	41	39	46	31	43
Brant.....	407	28	38	32	35	36	40	68	42	49	39
Bruce.....	403	47	36	48	34	42	48	50	36	25	37
Carleton.....	1,574	163	143	178	162	168	161	151	179	130	139
Dufferin.....	81	10	9	4	7	8	9	12	5	9	8
Elgin.....	291	26	26	28	41	33	34	24	24	32	23
Essex.....	600	60	61	54	60	52	44	73	66	72	58
Frontenac.....	660	63	56	58	52	68	72	71	78	68	74
Grey.....	359	32	43	52	31	41	30	31	27	30	42
Haldimand....	146	18	15	13	21	18	13	14	6	11	17
Haliburton....	36	3	5	2	3	3	6	4	6	4	0
Halton.....	125	17	16	6	15	17	12	8	11	9	14
Hastings.....	424	51	53	30	45	48	45	47	43	28	34
Huron.....	312	44	41	27	31	31	23	32	38	23	22
Kenora.....	113	16	7	15	12	7	8	3	15	18	12
Kent.....	502	51	51	52	48	53	63	41	51	47	45
Lambton.....	384	41	30	40	32	45	56	47	39	22	32
Lanark.....	278	30	27	30	33	21	30	26	32	24	25
Leeds&G'ville.	683	82	96	69	59	73	59	60	75	62	48
Lenno x and Addington...	124	18	11	16	13	12	8	15	12	8	11
Lincoln.....	361	29	28	36	36	43	39	33	41	41	35
Manitoulin ...	108	3	7	4	4	28	10	17	19	6	10
Middlesex.....	1,008	99	95	96	102	95	108	115	104	93	101
Muskoka.....	532	44	47	43	32	46	60	69	58	71	62
Nipissing.....	247	35	42	20	15	33	32	15	12	19	24
Norfolk.....	169	17	14	20	12	25	16	13	25	13	14
Northumberland & Durham	418	45	44	51	33	51	51	31	43	37	32
Ontario.....	301	42	23	33	24	31	40	35	24	25	24
Oxford.....	290	43	36	32	30	21	38	27	19	16	28
Parry Sound..	155	14	12	17	14	19	11	14	25	11	18
Peel.....	130	21	14	16	12	16	8	11	14	10	8
Perth.....	295	35	35	25	30	23	49	33	17	22	26
Peterboro.....	334	37	36	51	36	32	33	33	26	23	27
Pres'tt&Rus'll.	581	42	51	46	60	54	72	65	85	53	53
Prince Edward	136	11	13	16	11	20	16	10	18	14	7
Rainy River...	90	6	7	4	10	8	7	6	9	15	18
Renfrew.....	365	31	33	42	43	46	46	43	18	35	28
Simcoe.....	751	67	65	70	72	78	78	74	80	83	84
Stormont,Dundas & Glen'y.	669	83	58	59	72	61	77	77	63	60	59
Sudbury.....	280	10	18	20	29	32	31	33	39	30	38
Temiskaming..	189	.....	.....	12	21	24	22	21	32	25	32
Thunder Bay..	445	38	35	47	58	56	48	43	41	37	42
Victoria.....	188	18	13	16	27	17	24	18	25	17	13
Waterloo.....	405	42	46	40	42	45	43	43	33	33	38
Welland.....	394	31	34	43	35	32	38	41	39	58	43
Wellington....	380	50	39	32	44	41	24	37	32	46	35
Wentworth....	1,301	107	112	118	129	112	132	149	165	137	140
York.....	5,345	520	496	492	545	567	604	538	582	483	518

CANCER.

The number of deaths from this cause was 2,464; a numerical increase of 282 or a percentage of 12.9% over the number for 1919.

This is a rate of 85 per 100,000 of population. The city municipalities show 1,204 or 48.9% of the total number and a rate per 100,000 of 88.4; the towns of 5,000 population had 142 or 5.8% of the total number and a rate of 117.5; while the rural municipalities had 1,118 or 45.3% of the whole, being a rate of 134.7 per 100,000 of population.

The following table analyses by classes, the deaths and ratio per 100,000 of population for a decade:

	1911		1912		1913		1914		1915		1916		1917		1918		1919		1920	
Buccal Cavity.	172	6.8	150	5.8	94	3.5	113	4.1	114	4.1	73	2 6	97	3.5	77	2.7	82	2.8	117	4.0
Stomach.....	452	17.9	570	22.7	631	23.5	628	22.8	665	24.0	659	23.7	701	25.3	647	23.1	623	21.9	782	27.0
Peritoneum...	225	8.9	258	9.9	263	9.8	271	9.8	258	9.3	258	9.2	283	10.2	281	10.0	305	10.7	396	13.6
Female Genital Organs.. ...	152	6.0	159	6.1	177	6.6	144	5.2	131	4.7	149	5.3	154	5.5	148	5.3	181	6.3	234	8.0
Breast.....	121	4.7	116	4.4	126	4.7	126	4.5	106	3.8	136	4.9	121	4.3	129	4.6	128	4.5	198	6.8
Skin.....	6	.23	11	.42	26	.97	25	.99	31	1.1	46	1.6	69	2 4	71	2.5	58	2.0	49	1.7
Unspecified..	474	18.7	514	19.9	489	18.2	565	20.5	677	24.4	691	24.8	771	27.8	750	26.8	805	28.3	688	23.7
Total....	1602	63.5	1778	68.9	1806	67.4	1872	69.6	1982	71.6	2012	72.6	2196	79.3	2103	75.5	2182	76.9	2464	85 0

It would be gratifying if the story in reference to cancer were as bright as that of tuberculosis. The facts in respect to cancer are, indeed, serious. Leaving out the consideration that the apparent increase may be accounted for to some extent by the improvement in diagnosis and more satisfactory death records, the fact remains that the mortality, according to statistical reports, has grown in the ten years from 16 in 1881, to 85 in 1920, per 100,000 of population. Hoffman, who has made an extensive study of this subject, points out that his investigations prove that cancer is increasing, and that it is a real menace to all civilized mankind. The figures show that upwards of 80,000 persons annually die of cancer in the United States. Taking the mortality for Ontario as a basis, it is probable that the number of deaths yearly in Canada would be not less than 7,000. Cancer comes fourth in our table of mortality. At ages over forty it kills one in eight among women and one in fourteen among men. It is a disease of adult life, and at ages over forty is more destructive of life than either tuberculosis or pneumonia. Its insidious onset often occurs at the most useful period of life, when the father and mother are of the greatest service to society. It occurs when the man or woman, from their industry and thrift, might otherwise have had years of ease and comfort before them. Discovered in the earliest stages it is usually readily cured. Once established, the future is hopeless.

The laity know almost nothing about cancer; the medical profession knows little enough. The chief hope of controlling the disease seems to lie in a well-planned campaign of public education, embracing facts such as the following:

(1) That cancer in the early stages gives rise to no pain or symptoms of ill-health.

(2) That the early signs are:

Any lump or mass in a woman's breast after forty.

Any bleeding, however, trivial, after the change of life.

Any wart or sore on the lower lip of a man forty-five years of age.

Any sore on the tongue of a man of forty-five years.

Any bleeding from the bowel in a man or woman after forty years.

(3) It should be pointed out that warts, moles or growths on the skin liable to irritation should be removed and that irritation of the tongue and cheeks by jagged teeth, or of the lower lip by clay pipes, etc., should be avoided.

INFLUENZA.

There was a widespread and virulent epidemic of influenza in the autumn of 1918 and early winter of 1919. The same affection prevailed to a lesser degree during the corresponding seasons of 1919-1920. Not since 1889-90 had this affection appeared in epidemic form. It spread from Europe and became general all over this continent. The mortality, due chiefly to the accompanying broncho-pneumonia, was exceedingly high. In the 1918-19 period there were upwards of 10,000 deaths. In 1920 there were 24,284 cases reported with 2,411 deaths from influenza and pneumonia, and 3,482 deaths from acute primary pneumonia. Contrary to the rule of thirty years ago, when the very young and the aged suffered most, the severest results were seen in young adults. No specific form of treatment beyond early taking to bed appeared to be of any great value in the disease.

The recent report by the Minister of Health of Great Britain indicates that the cause of the epidemic is unknown. In a few months it was the cause of death in Europe and Asia alone of more persons than fell during the whole course of the Great War. The total deaths in England and Wales reached the number of 151,466. Much resulting loss of vitality is found in those who have recovered from the actual disease. The mortality is shown to have been the greatest, as might be expected, in crowded and insanitary districts. All competent observers are agreed that Pfeiffer's bacillus is associated with influenza, but it is not regarded as the actual cause. The report states:

"The generation of a great pestilence, such as influenza or pneumonic plague, is dependent upon disturbance of social order, involving for large numbers of human beings the endurance of conditions of insalubrity, which afford for invading parasites a suitable field of modification. No partial spectator can doubt that at the present time, and almost certainly for a generation to come, there will exist in many nations and over wide tracks of country precisely the type of misery which we suspect to be the appropriate forcing house of a virulent and dispersive germ."

Thus it will appear that an underfed people will continue to be more liable to outbreaks of this nature. In this country, where the means of sustenance, expensive as they are, are readily obtainable, we may expect to suffer less. The report emphasizes the necessity of avoiding overcrowding for the reason that the disease is transmitted in coughing and talking in the form of a fine spray and through dust and unclean hands. This is an additional reason for better housing and transportation conditions.

See page ccclvi for report on Deaths from Infant Mortality and Communicable Diseases.

The epidemic of influenza which occurred in the last three months of 1918 resulting in the extraordinary death rate of 262.2 per 100,000 of population for that year and which fell to a rate of 88.8 in 1919, showed an increase to a rate of 113.1 per 100,000. This represents a total of 3,276 and a numerical increase of 734 deaths, being 29.9% more than in 1919.

The following diagram exhibits the death rates from pneumonia and influenza for a period of ten years. It will be noted how closely the one follows the other, in that they both rise and fall in the same year, although not always at the same rate. Only in 1912 do the rates diverge, the pneumonia rate going up slightly while the influenza rate falls. In all the other years the rates rise and fall during the same year.

DEATH RATES OF PNEUMONIA AND INFLUENZA

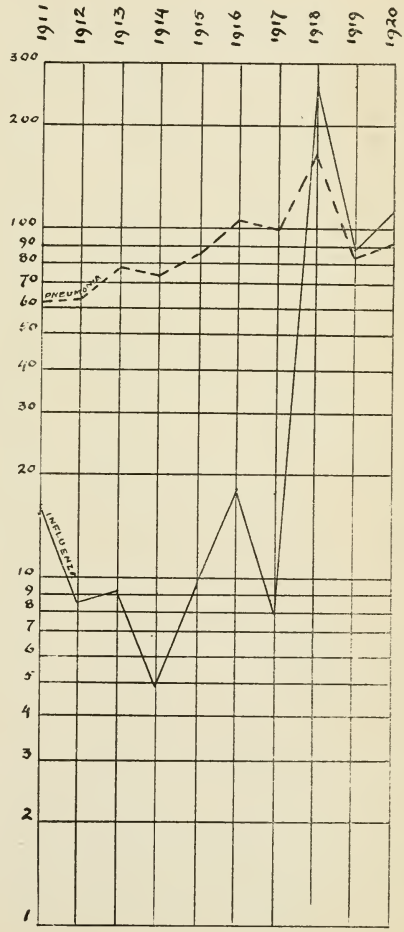


TABLE No. 1.

Showing the number of Births, Marriages and Deaths, and the rates per 1,000 of population in each County (excluding Cities and Towns), 1920.

Counties.	Estimated Population.	Births Excluding Still-Births	Ratio per 1,000	Marriages.	Ratio per 1,000	Deaths Excluding Still-Births.	Ratio per 1,000
Total, including all municipalities	2,895,370	72,511	25.0	29,104	10.0	40,440	13.9
Total, excluding Cities and towns	1,563,700	34,752	22.2	10,278	6.5	19,918	12.7
Algoma	32,730	468	14.3	181	5.5	287	8.7
Brant	23,630	490	20.0	135	5.7	275	11.6
Bruce	46,680	925	19.8	340	7.3	579	12.4
Carleton	30,590	881	28.9	176	5.7	493	16.1
Dufferin	15,190	344	22.6	112	7.3	187	12.3
Elgin	28,440	478	16.8	174	6.1	357	12.5
Essex	54,490	1,418	25.7	380	6.9	632	11.5
Frontenac	23,280	479	20.5	88	3.7	254	10.9
Grey	48,660	909	18.9	329	6.7	533	11.0
Haldimand	21,330	471	20.2	177	8.3	286	13.4
Haliburton	5,500	174	31.4	46	8.3	54	9.8
Halton	21,380	472	22.0	173	8.0	275	12.8
Hastings	35,990	910	25.2	314	8.8	547	15.3
Huron	46,520	956	20.5	363	7.8	632	13.6
Kenora	12,740	292	22.9	36	2.8	196	15.4
Kent	43,930	1,040	23.6	315	7.1	533	12.2
Lambton	37,140	670	18.0	227	6.1	456	12.2
Lanark	26,680	530	19.8	194	7.2	328	12.3
Leeds and Grenville	41,740	779	18.6	342	8.2	628	15.0
Lennox and Addington	18,500	401	21.6	161	8.7	248	13.4
Lincoln	27,190	486	17.8	166	6.1	283	10.4
Manitoulin	11,690	293	25.0	80	6.8	163	13.9
Middlesex	46,190	776	16.7	276	5.9	587	12.7
Muskoka	18,590	527	28.3	173	9.3	270	14.5
Nipissing	32,810	682	20.7	195	5.9	351	10.7
Norfolk	24,840	545	21.9	212	8.5	324	13.0
Northumberland & Durham	54,900	1,202	21.8	455	8.2	813	14.8
Ontario	33,690	651	19.3	232	6.8	437	12.9
Oxford	30,790	621	20.1	205	6.6	431	13.9
Parry Sound	26,800	643	24.0	125	4.4	269	9.9
Peel	22,840	435	19.0	172	7.5	283	12.3
Perth	35,230	689	19.5	250	7.1	368	10.1
Peterboro	21,060	436	20.7	98	4.6	238	11.3
Prescott and Russell	44,970	1,415	31.4	349	7.7	678	15.1
Prince Edward	16,440	338	20.5	94	5.7	287	17.4
Rainy River	12,110	378	31.2	100	8.2	153	12.6
Renfrew	40,750	924	22.6	216	5.3	433	10.6
Simcoe	54,440	1,048	19.0	348	6.3	783	14.3
Stormont, Dundas & Glengarry	54,300	1,069	19.7	348	6.4	665	12.2
Sudbury	39,430	941	23.8	129	3.2	424	10.7
Thunder Bay	6,400	191	29.8	37	5.7	85	12.2
Timiskaming	27,260	1,184	43.4	245	8.9	520	19.0
Victoria	22,010	384	17.4	102	4.6	225	10.2
Waterloo	27,810	509	18.3	190	6.8	336	12.0
Welland	40,290	932	23.1	323	8.0	466	11.5
Wellington	36,120	770	21.3	251	6.9	558	15.4
Wentworth	30,160	593	19.6	112	3.7	479	15.8
York	109,450	3,003	27.4	532	4.8	1,229	11.2

TABLE No. 2.
Showing the total number of Births, Marriages and Deaths, and the ratio per 1,000 of population in each City of Ontario, 1920.

Cities.	Estimated Population.	Births Excluding Still-births.	Ratio per 1,000.	Marriages.	Ratio per 1,000.	Deaths Excluding Still-births.	Ratio per 1,000.
Totals	1,164,020	32,080	27.5	16,694	14.3	17,473	15.0
Belleville	11,580	362	31.2	180	15.5	238	20.5
Brantford	32,480	841	25.8	382	11.6	405	12.3
Chatham	15,630	372	23.1	263	16.8	363	23.2
Fort William	19,720	672	34.0	185	9.3	341	17.2
Galt	13,050	340	26.0	146	11.1	156	11.9
Guelph	17,920	384	21.4	225	12.5	273	15.2
Hamilton	114,590	3,270	28.5	1,632	14.2	1,656	14.4
Kingston	27,370	690	25.2	331	12.0	514	18.0
Kitchener	22,810	583	25.5	264	11.5	270	11.8
London	57,040	1,476	25.8	819	14.3	1,031	18.0
Niagara Falls	14,810	396	26.7	411	27.7	209	14.1
Ottawa	110,710	3,352	30.2	1,369	12.3	1,920	17.3
Owen Sound	12,390	361	29.1	154	12.4	188	15.1
Peterborough	21,790	522	23.9	262	12.0	338	15.5
Port Arthur	15,200	531	34.9	169	11.1	312	20.5
St. Catharines	18,500	683	36.9	291	15.7	292	15.7
St. Thomas	16,460	441	26.7	226	13.7	220	13.3
Sarnia	14,590	369	25.2	226	15.49	227	15.5
Sault Ste Marie	21,430	623	29.0	268	12.5	297	13.8
Stratford	16,540	468	28.2	194	11.7	194	11.7
Toronto	512,810	13,661	26.6	7,600	14.8	7,224	14.0
Welland	9,700	281	28.9	154	15.8	144	14.8
Windsor	36,370	1,212	33.3	806	22.1	605	16.5
Woodstock	10,330	190	18.3	137	13.2	156	15.1

TABLE No. 3.
Showing the total number of Births, Marriages and Deaths, in the Towns of 5,000 population in Ontario, together with the ratio per 1,000 of population, 1920.

Towns.	Estimated Population.	Births excluding Still-births.	Ratio per 1,000.	Marriages.	Ratio per 1,000.	Deaths excluding Still-births	Ratio per 1,000.
Totals	167,650	5,679	33.8	2,132	12.7	3,049	18.1
Barrie	6,880	163	24.0	68	19.8	128	18.6
Brockville	9,290	242	26.0	126	13.5	194	20.8
Cobalt	5,960	200	33.0	70	11.7	119	19.9
Collingwood	6,770	143	21.1	67	9.8	102	15.0
Cornwall	7,610	419	55.0	138	18.1	197	25.8
Dundas	5,240	110	20.9	47	8.9	78	14.8
Hawkesbury	5,620	228	51.2	48	8.5	118	20.9
Ingersoll	5,310	163	30.6	65	12.2	95	17.8
Kenora	6,480	202	31.1	54	8.3	79	12.1
Lindsay	7,370	208	28.2	129	17.5	137	18.5
Midland	7,180	237	33.0	51	7.1	99	13.7
North Bay	10,820	420	38.8	161	14.8	203	18.7
Orillia	8,280	399	48.1	98	11.8	113	13.6
Oshawa	12,280	392	31.9	140	11.4	188	15.3
Parry Sound	5,000	161	32.0	79	15.8	77	15.4
Pembroke	7,670	221	28.8	76	9.9	189	24.6
Preston	5,360	139	26.3	65	12.1	79	14.7
Renfrew	5,930	182	30.6	68	11.4	94	15.8
Smith Falls	6,910	207	29.9	73	10.5	136	19.6
Sudbury	7,890	433	54.8	131	16.6	311	39.4
Timmins	5,000	148	29.6	81	16.2	90	18.0
Trenton	5,740	171	29.7	85	14.8	84	14.6
Walkerville	7,460	173	23.1	152	20.3	68	9.1
Waterloo	5,600	318	56.7	60	10.7	71	12.6

TABLE No. 4.—Showing the number of Births, registered and birthrate per 1,000 of census population in each County of the Province for each of the ten years, 1910-1920 inclusive.

Counties.	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Totals.
Totals	*57,235 22.6	58,870 22.4	64,516 24.0	66,225 24 0	67,032 24.2	65,264 23.5	62,666 22.6	64,729 23.1	62,774 22.1	72,511 25.0	641,822 23.3
Algoma	795 18.8	849 19.1	894 17 4	813 15.8	985 18.1	906 17.4	955 18.8	1,024 19.8	1,043 19.1	1,091 20.1	9,355 18.4
Brant	1,100 23.9	1,160 24.7	1,202 24.3	1,305 26.1	1,165 23.4	1,206 23.7	1,165 22.4	1,193 22.1	1,114 19.3	1,331 23.7	11,939 23.3
Bruce	1,060 21.1	1,069 21.6	1,061 22.9	1,059 22.6	942 20.0	967 20.8	862 19.3	895 19.6	803 17.5	925 19.8	9,643 20.5
Carleton	2,659 22.8	2,993 25.1	3,127 24.8	3,232 24.8	3,258 23.4	3,176 23.0	3,066 23.3	3,765 28.0	3,865 27.7	4,233 29.9	33,374 25.2
Dufferin	352 19.8	321 18.3	367 22.3	302 18.7	340 20.9	322 19.7	311 19.5	292 19.0	278 18.1	344 22.6	3,029 19.8
Elgin	843 19.0	828 18.6	814 18.2	882 19.3	919 19.9	828 17.9	753 16.5	815 18.1	892 20.0	919 20.4	8,493 18.7
Essex	1,594 23.5	1,579 22.9	1,848 25.0	1,958 25.9	1,922 24 6	2,044 26.0	2,089 25.2	2,244 26.4	2,102 24.1	2,803 28.5	20,183 25.2
Frontenac	861 22.0	872 20.8	1,019 23.2	962 21.4	1,004 22.3	1,047 33.6	989 21.2	1,076 23.1	956 20.6	1,169 23.0	9,955 23.1
Grey	1,390 21.0	1,269 19.2	1,329 20.4	1,192 18.3	1,350 20.9	1,319 20.6	1,233 20.7	1,217 19.6	1,355 17.3	1,270 20.9	12,924 19.8
Haldimand	408 18.9	425 19.6	435 19.9	421 19.4	447 20.2	452 20.4	411 19.4	448 21.0	401 18.7	471 22.0	4,319 10.9
Haliburton	182 28.7	146 20.5	109 19.2	273 48.3	199 34.0	196 34.6	142 26.3	154 29.1	148 27.1	174 31.8	1,723 29.9
Halton	484 21.8	420 18.7	497 21.5	516 21.0	519 21.3	455 18.7	427 18.5	410 18.5	426 18.6	472 22.0	4,626 20.0
Hastings	1,229 22.0	1,310 23.5	1,320 23.9	1,358 24.2	1,250 22.9	1,311 22.9	1,180 20.8	1,422 24.2	1,472 25.7	1,443 27.0	13,295 23.7
Huron	1,085 20.4	974 18.5	984 19.3	956 19.0	940 18 5	911 18.1	837 17.1	903 18.8	834 17.6	956 20.5	9,380 18.7
Kenora	239 13.1	246 13.7	262 13.7	326 16.3	394 20.4	292 15.2	280 14.7	419 22.8	365 19.4	494 25.7	3,317 17.5
Kent	1,237 22.0	1,187 21.0	1,223 21.4	1,270 21.6	1,359 22.6	1,241 20.6	1,209 20.1	1,278 21.4	1,161 23 4	1,412 23.7	12,577 21.7
Lambton	942 18.3	957 18.9	945 17 9	972 16.4	1,081 20 0	1,083 20.4	1,040 20.1	1,013 19.6	993 19.1	1,039 20.0	10,065 19.5
Lanark	668 19.4	683 19.9	724 21.0	666 19.1	709 20.8	642 18.9	641 19.2	702 21.3	607 15.1	737 21.9	6,779 19.6
Leeds and Grenville	959 17.6	1,018 18.7	922 17.4	973 18.6	1,035 19 7	985 18.8	952 18.4	952 18.6	887 17.4	1,021 20.0	9,704 18.5
Lennox &Addington	367 18.0	391 17.8	356 17.8	342 17.3	353 17.6	356 16.9	323 16.4	388 20.5	387 20.7	401 21.6	3,664 18.4
Lincoln	735 20.7	806 22.4	920 23.2	1,014 24.5	1,057 24 5	1,046 23.9	1,003 22.7	955 21.4	980 22.0	1,169 25.5	9,685 23.0
Manitoulin	186 16.8	206 18.8	239 21.4	174 14.8	410 35.0	287 24.3	298 26.1	283 24.6	290 25.0	293 25.0	2,666 23.1
Middlesex	1,820 18.7	1,914 19.5	1,948 19.4	1,949 19.2	2,117 20 2	2,130 21.1	1,830 17.9	2,010 19 6	1,994 19.3	2,252 21.8	19,964 19.6
Muskoka	534 25.1	731 25.2	506 24.8	528 26.5	528 30.0	499 24.4	431 22.8	446 24.6	385 21.3	527 28.3	4,915 25.3
Nipissing	1,688 38.5	1,775 28.3	1,276 36.0	900 23.0	1,041 26.3	992 25.0	918 23.1	987 24.2	1,050 25.1	1,102 25.2	11,729 26.4
Norfolk	571 21.0	517 19.0	475 17.5	566 20.7	574 20.6	539 19.5	473 17.9	500 19.2	470 18.4	545 21.9	5,230 19.5

*Still-births not included.

TABLE No. 4.—Concluded.

Counties.	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Totals
Northumberland and Durham	1,142 19.2	1,142 19.2	1,075 18.1	1,132 19.2	1,134 19.4	1,039 17.9	1,030 15.3	1,048 19.2	1,090 19.8	1,202 21.8	11,034 18.9
Ontario	843 20.5	808 22.6	931 19.5	881 21.2	937 21.7	936 21.5	850 23.9	906 21.3	865 19.6	1,043 22.6	9,000 21.4
Oxford	926 19.5	974 20.4	1,008 21.4	972 20.2	1,006 20.9	1,030 21.6	882 18.8	894 19.3	873 18.9	974 20.9	9,539 20.1
Parry Sound	790 29.7	675 26.0	632 23.4	781 28.5	849 31.6	809 24.3	806 23.4	813 25.4	753 23.9	804 25.2	7,712 26.1
Peel	414 18.7	418 18.8	446 20.4	438 20.0	479 20.6	464 20.0	390 17.0	382 17.4	351 15.3	435 19.0	4,217 18.7
Perth	947 19.2	963 19.6	950 18.8	1,036 20.4	1,088 21.0	1,055 20.5	960 18.8	990 19.7	948 18.4	1,157 22.2	10,094 19.8
Peterborough	925 22.2	977 23.0	969 22.8	982 22.8	941 22.3	921 22.3	885 21.2	880 21.1	868 20.9	958 22.3	9,306 22.0
Prescott and Russell	1,767 34.1	1,659 31.6	1,860 36.7	1,715 32.4	1,770 33.1	1,692 32.3	1,721 33.7	1,702 32.1	1,680 31.3	1,643 32.4	17,209 32.9
Prince Edward	332 19.3	290 16.8	342 20.4	294 17.4	328 19.4	324 18.7	319 19.5	283 18.1	270 16.6	338 20.5	3,120 18.6
Rainy River	215 21.3	254 28.1	334 31.9	319 29.0	334 31.8	311 29.3	320 30.1	315 26.5	284 23.6	378 31.2	3,064 28.2
Renfrew	1,223 23.5	1,179 22.9	1,223 23.3	1,188 22.1	1,267 23.6	1,237 23.2	1,359 24.7	1,355 24.0	1,250 23.1	1,327 24.4	12,608 23.4
Simcoe	1,873 22.0	1,804 21.0	1,964 22.8	1,929 22.4	1,933 22.4	1,824 21.3	1,955 23.6	1,842 21.6	1,736 20.5	1,990 23.8	18,850 22.1
Stormont, Dundas & Glengarry	1,330 20.7	1,135 17.7	1,259 20.0	1,249 19.5	1,266 20.0	1,318 20.8	1,315 20.8	1,266 20.8	1,297 21.0	1,488 24.0	12,923 20.5
Sudbury	818 23.4	779 19.7	873 21.4	1,025 24.0	1,403 33.5	1,307 30.6	1,470 33.2	1,444 31.4	1,392 29.7	1,374 29.0	11,885 27.5
Thunder Bay	1,241 31.7	1,353 33.0	1,657 38.2	1,836 40.3	1,862 41.5	1,510 37.5	1,392 34.5	1,366 33.3	1,335 32.6	1,394 33.7	14,946 35.6
Timiskaming	....	....	876 30.3	1,294 44.5	1,369 45.5	1,313 39.9	1,338 49.5	1,459 45.9	1,306 39.5	1,532 40.0	10,487 43.4
Victoria	584 19.3	648 20.9	607 20.1	551 17.9	612 20.3	537 17.4	520 17.1	536 17.8	579 19.7	592 20.1	5,766 19.0
Waterloo	1,429 22.8	1,515 23.3	1,643 24.0	1,819 26.2	1,774 25.6	1,733 24.8	1,615 23.4	1,636 23.3	1,664 22.0	1,889 25.3	16,717 24.0
Welland	942 22.3	1,044 24.1	1,149 23.6	1,326 24.8	1,289 24.0	1,340 24.0	1,260 22.3	1,408 23.8	1,380 22.3	1,609 24.8	12,747 23.6
Wellington	1,100 20.1	1,085 19.9	1,105 20.3	1,072 19.5	1,067 19.4	1,094 20.2	1,013 19.3	1,055 20.1	980 18.2	1,154 21.3	10,725 19.8
Wentworth	2,663 23.8	3,149 26.9	3,372 25.2	3,602 26.4	3,401 25.1	3,585 25.1	3,365 24.2	3,408 23.1	3,207 21.9	3,973 26.4	33,725 24.8
York	11,743 26.4	12,573 26.1	15,439 29.8	15,877 28.7	15,025 27.2	14,653 26.7	14,083 24.9	13,950 23.9	13,408 22.7	16,664 26.7	143,415 26.3

TABLE No. 5—Showing the number of MARRIAGES, registered and marriage rate per 1,000 of census population in each County of the Province for each of the ten years, 1911-1920, inclusive.

Counties	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Totals.
Totals	25,807 10.2	28,845 11.1	26,998 10.0	24,245 8.8	23,506 8.5	23,401 8.4	21,499 7.7	19,525 6.9	26,328 9.3	29,104 10 0	249,258 9.0
Algoma	340 8.0	403 9.0	342 6.6	352 6.8	331 6.4	346 6.6	345 6.8	296 5.7	398 7.4	449 8.3	3,602 7.1
Brant	414 9.0	467 9.9	485 9.8	443 8.8	405 8.1	426 8.3	410 7.9	356 6.6	468 8.1	517 9.2	4,381 8.5
Bruce	311 6.2	344 6.9	372 8.0	311 6.6	333 7.0	340 7.3	257 5.7	221 4.8	333 7.2	340 7.2	3,162 6.6
Carleton	1 123 9.6	1 221 10.2	1,194 9.5	1 224 9.3	1,175 8.4	1,227 8.9	1,118 8.5	1,042 7.7	1,372 9.8	1,545 10.9	12,241 9.2
Dufferin	142 8.0	130 7.4	113 6.8	112 6.9	103 6.3	113 6.9	104 6.5	86 5.5	131 8.5	112 7.3	1,146 7.0
Elgin	342 7.7	368 8.2	387 8.7	357 7.7	346 7.5	346 7.4	294 6.4	286 6.3	396 8.9	400 8.9	3,522 7.7
Essex	3,426 50.7	4,149 60 2	2,082 28.1	1,050 13.9	996 12.8	1,035 13.1	922 11.1	646 7.6	1,109 12.7	1,338 13.5	16,753 22.3
Frontenac	381 8.9	427 10.2	382 8.7	366 8.1	406 9.1	365 8.3	393 8.4	400 8.6	477 10.3	419 8.2	4,016 8.8
Grey	460 7.1	496 7.5	506 7.7	441 6.7	415 6.4	482 7.5	385 6.4	365 5.9	494 6.3	483 7 9	4,527 6.9
Haldimand	130 6.0	146 6.7	153 7.0	150 6.9	160 7.2	164 7.4	112 5.3	128 6.0	154 7.1	177 7.5	1,474 6.7
Haliburton	31 4.9	22 3.9	35 6.1	25 4.4	39 6.6	26 4.5	26 4.8	32 6.0	38 6.9	46 8.3	320 5.6
Halton	132 5.9	160 7.1	180 7.7	166 6.7	141 5.8	137 5.6	105 4.5	103 4.6	136 5.9	173 8.0	1,433 6.1
Hastings	439 7.8	470 8.4	664 12.0	452 8.0	420 7.7	474 8.3	463 8.1	471 8.0	523 9.1	579 10.8	4,955 8.8
Huron	364 6 8	348 6.6	372 7.3	323 6 4	356 7.0	375 7.4	311 6.3	296 6.1	325 6.8	363 7.7	3,433 6.8
Kenora	72 3.9	54 3 0	188 9.9	71 3.5	75 3.9	84 4.3	37 1.9	42 2.2	82 4.3	90 7.0	795 4.£
Kent	459 8.1	475 8.4	502 8.8	451 7.6	458 7.6	463 7.7	452 7.5	372 6.2	538 10.8	578 9.6	4,748 8.2
Lambton	523 10.1	518 10.2	450 8.5	445 8.3	406 7.6	435 8.2	332 6.4	309 5.9	449 9.0	453 8.7	3,867 8.2
Lanark	264 7 6	245 7.1	279 8.1	239 6.9	242 7.1	262 7.7	239 7.1	212 6.4	274 6.8	267 7.9	2,523 7.2
Leeds and Grenville	426 7.8	498 9.1	449 8.4	353 6.7	416 7.9	411 7.8	395 7.6	356 6.9	412 8.1	468 9.1	4,164 7.9
Lennox and Addington	169 8.2	154 7.0	183 9.1	139 7.0	148 7.4	130 6.5	165 8.4	116 6.1	143 7.6	161 8.6	1,508 7.5
Lincoln	333 9.3	348 9.7	355 8.9	393 9.5	481 11.1	413 9.4	284 6.4	307 6.9	354 7.9	457 9.9	3,724 8.9
Manitoulin	57 5.1	56 5.2	65 5.8	45 3.8	78 6.6	76 6.4	68 5.9	52 4.5	73 6.3	80 6.8	690 5.6
Middlesex	834 8.5	928 9.4	900 8.9	900 8.8	950 9.1	896 8.6	806 7.9	760 7.4	1,064 11.5	1,095 10.5	9,133 9.0
Muskoka	132 6.2	160 7.2	148 7.2	142 7.2	142 8.0	142 6.9	98 5.1	97 5.3	131 7.2	173 8.2	1,365 6.8
Nipissing	428 7.2	473 7.5	254 6.8	273 7.0	257 6.5	284 7.1	264 6.6	168 4.1	322 7.7	356 8.1	3,079 6.8
Norfolk	183 6.7	193 7.1	211 7.8	228 8.3	197 7.1	225 8.1	141 5.3	128 4.9	191 7.5	212 8.5	1,909 7.1
Northumberland and Durham	404 6.8	390 6.5	431 7.2	379 6.4	364 6.2	429 7.4	387 5.7	304 5.5	383 6.9	455 8.2	3,926 6.6

TABLE No. 5—Concluded.

Counties.	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Totals.
Ontario	269 6.5	277 6.7	292 7.0	308 7.4	267 6.2	329 7.6	268 6.4	220 5.1	361 8.2	372 8.0	2,953 6.9
Oxford	352 7.4	382 8.0	358 7.6	400 8.3	359 7.4	388 8.2	334 7.1	284 6.1	383 8.3	407 8.7	3,647 7.7
Parry Sound	194 7.3	167 6.4	179 6.6	186 6.7	173 6.4	190 5.7	225 6.5	172 5.3	205 6.5	204 6.4	1,895 6.3
Peel	133 6.0	142 6.0	134 6.1	137 6.2	138 5.9	134 5.8	89 3.8	93 4.2	148 6.5	172 7.5	1,320 5.8
Perth	369 7.5	403 8.2	372 7.3	368 7.2	422 8.1	406 7.9	350 6.8	275 5.4	470 9.1	444 8.5	3,879 7.6
Peterborough	346 8.2	377 8.8	353 8.3	354 8.2	310 7.3	335 8.1	339 8.1	267 6.4	299 7.2	360 8.4	3,340 7.9
Prescott and Russell	350 6.7	336 6.4	342 6.7	330 6.2	312 5.8	349 6.6	332 6.5	285 6.3	403 7.5	397 7.8	3,436 6.6
Prince Edward	116 6.7	116 6.7	120 7.1	117 6.9	131 7.7	111 6.4	88 5.3	94 6.0	128 7.8	94 5.7	1,115 6.6
Ralny River	74 7.3	96 9.3	104 9.9	125 11.3	77 7.3	74 6.9	78 7.3	56 4.7	69 5.7	100 8.2	853 7.7
Renfrew	318 6.1	360 7.0	385 7.3	408 7.6	350 6.5	377 7.0	427 7.8	343 6.0	464 8.6	360 6.6	3,792 7.0
Simcoe	635 7.4	647 7.5	498 5.7	599 6.9	556 6.4	625 7.3	580 7.1	459 5.3	688 8.1	632 7.5	5,919 6.9
Stormont, Dundas and Glengarry	331 5.1	366 5.7	399 6.3	430 6.7	418 6.6	475 7.5	374 5.9	316 5.2	482 7.8	486 7.8	4,077 6.4
Sudbury	122 3.4	183 4.6	256 6.2	227 5.3	211 5.0	203 4.7	187 4.2	174 3.8	190 4.0	260 5.4	2,013 4.6
Thunder Bay	418 10.6	461 11.2	595 13.7	493 10.8	365 8.8	364 9.0	323 8.0	301 7.8	411 10.0	391 9.4	4,122 9.9
Timiskaming	....	....	281 9.7	288 9.9	273 9.1	268 8.1	260 9.6	279 8.8	335 10.1	396 10.3	2,380 9.5
Victoria	199 6.5	213 6.8	220 7.2	234 7.6	209 6.9	201 6.5	205 6.7	226 7.5	224 7.6	231 7.8	2,162 7.1
Waterloo	486 7.7	576 8.8	623 9.1	632 9.1	603 8.7	572 8.1	554 8.0	495 7.0	714 9.4	725 9.7	5,980 8.5
Welland	1,524 36.1	1,840 42.5	1,108 22.8	743 13.9	672 12.5	648 11.6	548 9.7	455 7.7	706 11 4	888 13.7	9,132 18.2
Wellington	378 6.9	378 6.9	412 7.7	358 6.5	429 7.8	393 7.2	354 6.7	327 6.1	435 8.3	476 8.8	3,940 7.2
Wentworth	1,271 11.3	1,464 12.5	1,548 11.6	1,320 9.6	1,307 9.6	1,297 9.1	1,197 8.6	1,134 7.7	1,497 9.9	1.791 11.9	13,826 10.1
York	5,604 12.6	6,418 13.3	6,737 13.0	6,358 11.5	6,084 10.9	5,556 10.1	5,474 9.7	5,319 9.1	6,946 11.7	8,132 13.0	62,628 11.4

TABLE No. 6.—Showing the number of DEATHS registered and death rate per 1,000 of census population in each County of the Province for each of the ten years, 1911-1920, inclusive.

Counties.	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Totals.
Totals	*34,341	32,150	34,317	32,440	33,294	35,580	33,284	43,038	34,010	40,440	352,894
	13.6	12.4	12.7	11.8	11.2	12.8	12.0	15.3	11.9	13.9	12.7
Algoma	461	470	515	400	472	467	457	620	627	584	5,073
	10.9	10.6	10.0	7.7	9.1	9.0	9.0	12.0	11.7	10.7	10.7
Brant	565	567	568	510	527	633	747	943	596	680	6,336
	12.3	12.1	11.4	10.2	10.6	12.5	14.3	17.4	10.3	12.1	12.3
Bruce	648	621	603	540	573	623	580	637	569	579	5,973
	12.9	12.5	13.0	11.5	12.2	13.4	12.9	14.0	12.3	12.4	12.7
Carleton	2,147	1,933	2,142	2,084	2,100	2,175	1,903	2,791	2,065	2,413	21,753
	18.4	16.3	17.0	16.0	15.0	15.7	14.4	20.8	14.8	17.0	16.5
Dufferin	185	166	190	158	200	184	187	206	161	187	1,858
	10.4	6 6	11.5	9.8	12.3	11.2	11.7	13.3	10.4	12.3	10.9
Elgin	505	539	526	561	525	568	507	668	556	577	5,464
	11.3	12.1	11.8	12.3	11.3	12.2	11.1	14.8	12.5	12.8	12.2
Essex	881	808	919	867	830	957	950	1,128	1,083	1,305	9,728
	13.0	11.7	12.4	11.5	10.7	12.1	11.5	13.2	12.4	13.2	12.1
Frontenac	672	705	740	657	694	773	705	900	691	768	7,305
	15.7	16.8	16.9	14.6	15.4	17.7	15.1	19.4	14.9	15.1	16.1
Grey	743	738	767	679	691	698	658	746	609	721	7,050
	11.2	11.2	11.7	10.4	10.7	10.9	11.0	10.4	7.7	11.7	10.6
Haldimand	276	229	265	255	278	270	234	262	232	286	2,587
	12.8	10.6	12.1	11.7	12.5	13.4	11.0	12.3	10.8	13.4	12.0
Haliburton	74	62	40	81	72	66	67	80	60	54	656
	11.7	10.9	7.0	14.3	12.3	11.7	12.4	15.1	10.8	9.7	11.5
Halton	258	229	234	223	264	246	259	284	254	275	2,526
	11.6	10.2	10.1	9.0	10.8	10.1	11.2	12.8	11.1	12.8	10.9
Hastings	806	709	725	754	733	773	727	922	684	869	7,602
	14.4	12.7	13.1	13.4	13.4	13.5	12.8	15.7	12.8	16.2	13.8
Huron	673	600	643	589	608	631	634	661	568	632	6,239
	12.7	11.2	12.6	11.7	12.0	12.5	12.9	13.8	12.0	13.5	12.4
Kenora	116	146	128	143	103	98	100	294	237	275	1,640
	6.4	8.4	6.7	7.1	5.3	5.1	5.2	15.9	12.6	14.3	8.7
Kent	787	608	674	700	727	770	622	837	721	796	7,242
	14.0	10.4	11.8	11.9	12.0	12.8	10.3	14.0	14.5	13.3	12.5
Lambton	639	611	607	560	581	698	603	709	632	683	6,323
	12.4	12.0	11.5	10.5	10.8	13.1	11.7	13.7	12.6	13.1	12.1
Lanark	434	428	402	461	410	463	438	508	401	464	4,409
	12.6	12.4	11.6	13.4	12.0	13.6	13.1	15.4	10.0	13.7	12.7
Leeds and Grenville	764	896	759	720	784	739	765	920	743	822	7,912
	14.0	16.5	14.3	13.8	13.9	14.1	14.8	17.7	14.6	16.1	14.9
Lennox and Addington	264	229	256	208	254	217	280	282	207	248	2,445
	12.9	10.4	12.8	10.4	12.7	10.9	14.2	14.9	11.1	13.4	12.3
Lincoln	459	460	544	536	532	577	489	715	541	575	5,451
	12.9	12.8	13.7	12.9	12.3	13.2	11.0	16.0	12.1	12.5	12.9
Manitoulin	72	69	72	73	162	112	153	150	130	163	1,156
	6.5	6.3	6.4	6.2	13.8	9.5	13.4	13.0	11.2	13.9	10.2
Middlesex	1,313	1,191	1,401	1,267	1,396	1,513	1,421	1,718	1,540	1,618	14,378
	13.5	12.1	14.0	12.5	13.3	14.6	13.9	16.7	14.9	15.6	14.1
Muskoka	243	209	210	188	232	257	272	284	263	270	2,428
	11.4	9.9	10.2	9.4	13.1	12.5	14.4	15.7	14.5	14.5	12.5
Nipissing	730	618	444	296	349	343	291	427	379	553	4,430
	12.3	9.8	11.9	7.5	8.8	8.6	7.3	10.4	9.0	12.6	9.8
Norfolk	343	330	373	322	327	355	343	407	332	324	3,456
	12.6	12.1	13.7	11.8	11.7	12 8	13.0	15.6	13.0	13.0	12.9

* Still-births included.

TABLE No. 6.—Concluded.

Counties.	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Totals.
Northumberland and Durham	757 12.7	739 12.4	727 12.2	704 12.0	776 13.2	790 13.6	701 10.4	806 14.7	720 13.1	813 14.8	7,533 12.9
Ontario	559 13.6	494 11.9	536 13.0	495 11.9	510 11.7	530 12.2	522 12.5	631 14.8	477 10.8	625 13.5	5,379 12.5
Oxford	629 13.2	582 12.2	583 12.4	532 11.0	572 11.9	642 13.5	576 12.3	634 13.7	599 13.0	682 14.6	6,031 12.7
Parry Sound	316 11.9	272 10.4	259 9.5	272 9.9	274 10.2	395 11.8	278 8.1	408 12.7	289 9.1	346 10.8	[3,109 10.4
Peel	271 12.2	230 10.3	244 11.1	243 11.1	257 11.0	238 10.2	235 10.2	286 13.0	219 9.6	283 12.4	2,506 11.1
Perth	514 10.4	520 10.6	532 10.5	522 10.3	515 9.9	572 11.1	531 10.4	596 13.0	520 10.1	562 10.8	5,384 10.7
Peterborough	606 14.5	470 11.0	521 12.2	459 10.6	475 11.2	555 13.4	562 13.4	544 13.0	494 11.9	576 13.4	5,248 12.4
Prescott and Russell	771 14.8	613 11.6	697 13.7	699 13.3	741 13.8	754 14.3	658 12.8	978 18.4	701 13.0	796 15.7	7,408 14.1
Prince Edward	244 14.2	236 13.7	231 13.7	225 13.3	243 14.4	271 15.7	223 13.6	271 17.3	229 14.7	287 17.4	2,460 14.8
Rainy River	111 11.0	79 7.6	122 11.6	115 10.4	93 8.8	85 8.0	83 7.8	135 11.3	137 11.4	153 12.6	1,113 10.0
Renfrew	629 12.1	603 11.7	574 10.9	568 10.5	607 11.2	629 11.8	571 10.4	790 14.0	594 11.0	716 13.1	6,281 11.6
Simcoe	1,156 13.5	1,042 12.1	1,048 12.2	1,069 12.4	1,086 13.7	1,184 13.8	1,109 13.2	1,366 16.0	1,139 13.4	1,225 14.6	11,424 13.4
Stormont, Dundas and Glengarry	908 14.1	804 12.5	757 12.0	781 12.2	802 12.7	856 13.5	827 13.0	1040 17.1	745 12.1	862 13.9	8,382 13.3
Sudbury	362 10.3	423 10.7	456 11.2	453 10.6	409 9.7	476 11.1	469 10.6	811 17.8	540 11.5	735 15.5	5,134 11.9
Thunder Bay	523 13.3	494 12.0	725 16.7	676 14.8	523 12.6	521 12.9	487 12.0	609 14.8	516 12.6	738 17.8	5,812 13.9
Timiskaming	....	....	297 10.2	373 12.8	429 14.2	540 16.4	396 14.6	643 20.4	481 14.5	729 19.0	3,888 14.2
Victoria	370 12.2	338 10.8	338 11.1	303 9.8	309 10.2	348 11.3	345 11.3	363 12.0	317 11.7	362 12.3	3,393 11.2
Waterloo	736 11.7	661 10.1	778 10.4	727 10.4	746 10.7	785 11.1	779 11.3	1,017 14.3	651 8.6	912 12.2	7,792 11.0
Welland	522 12.3	499 11.0	677 13.9	610 11.4	621 10.5	711 12.8	664 11.8	988 16.7	751 12.1	819 12.6	6,862 12.5
Wellington	720 13.2	681 12.5	731 13.4	652 11 8	696 12.7	767 14.2	705 13.4	733 14.0	718 13 7	831 15.3	7,234 13.4
Wentworth	1,606 14.3	1,654 14.1	1,603 12.0	1,593 11.6	1,622 11.9	1,704 11.9	1,720 12.4	2,374 16.1	1,732 11.8	2,213 14.7	17,821 13.0
York	6,973 15.6	6,545 13.6	7,134 13.7	6,537 11 8	6,564 11 9	7,021 14.1	6,451 11.4	8,916 15.3	6,660 11.3	8,453 13.5	71,254 13.2

TABLE No. 7.
Recapitulation of Causes of Death by Classes of Diseases in Counties, 1920.

Causes of Death by Classes of Diseases.	Total.	Ages.																Sex.			Months.											
		Under 0-1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39	40-49.	50-59	60-69	70-79..	80 and over.	Not stated.	Male.	Female	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Grand Total, including all municipalities.....	40,440	7,802	1,134	535	371	333	1,069	744	885	2,794	3,134	2,613	3,390	4,914	5,746	4,714	262	21,024	19,395	21	3,534	6,070	4,431	3,366	3,445	2,895	2,769	2,749	2,838	2,909	2,681	2,753
Grand Total, excluding cities and towns.....	19,918	3451	498	243	173	149	473	393	434	1210	1332	1064	1547	2472	3289	3039	151	10,355	9,563	..	1737	2785	2321	1590	1688	1450	1385	1373	1431	1432	1350	1376
I. General diseases.....	5,704	373	161	104	83	72	282	220	222	681	747	513	591	777	573	247	58	2,742	2,962	..	379	1176	858	425	438	450	385	330	330	326	299	308
I. Diseases of the nervous system and of the organs of special sense	1,777	169	45	22	11	15	30	22	29	61	81	118	162	324	397	277	14	900	877	..	173	154	200	148	149	140	116	138	131	128	154	146
III. Diseases of the circulatory system.....	2,971	10	4	4	4	2	7	20	14	54	74	108	323	629	1010	691	17	1,537	1,434	..	296	309	292	237	255	208	245	193	213	234	264	225
IV. Diseases of the respiratory system.....	2,127	420	123	48	23	19	41	34	45	122	151	96	144	240	366	242	13	1,088	1,039	..	225	416	316	207	209	112	90	94	78	100	120	160
V. Diseases of the digestive system.....	1,456	655	101	38	21	11	39	30	33	36	34	48	91	110	123	79	7	802	654	..	84	106	97	75	87	74	108	186	256	199	88	96
VI. Non-venereal diseases of the genito-urinary system and annexa..	727	10	4	2	2	1	6	6	8	25	37	52	96	167	197	109	5	421	306	..	81	85	48	69	69	51	53	53	46	60	60	52
VII. The puerperal state..	189	....	....	....	....	....	....	....	10	83	81	12	2	....	....	....	1	.....	189	..	15	18	17	17	25	18	13	10	11	11	14	20
VIII. Diseases of the skin and cellular tissue..	82	7	2	....	....	....	....	1	1	2	....	6	5	12	19	26	1	56	26	..	12	6	13	4	10	5	6	3	5	2	9	7
IX. Diseases of the bones and of the organs of locomotion.....	26	1	....	....	....	....	2	2	....	....	2	1	5	8	3	2	....	15	11	..	3	4	1	2	4	1	1	1	1	4	2	2
X. Malformations.....	251	238	5	3	2	1	1	1	....	....	....	....	....	....	....	....	....	133	118	..	28	26	20	18	23	24	16	18	16	23	21	18
XI. Diseases of early infancy.....	1,535	1535	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	884	651	..	159	174	139	112	142	114	112	104	145	112	106	116
XII. Old age.....	1,834	....	....	....	....	....	....	....	....	....	....	....	....	70	475	1285	4	904	930	..	196	206	215	173	165	129	113	121	100	148	125	143
XIII. Affections produced by external causes.....	932	20	30	16	25	26	55	51	68	129	98	81	83	73	86	70	21	685	247	..	50	57	73	59	83	95	109	112	89	68	71	66
XIV. Ill-defined diseases...	307	13	23	6	2	2	10	6	4	17	27	29	45	62	40	11	10	188	119	..	36	48	32	44	29	29	18	10	10	17	17	17
Still-births(not incl. in total)	1,155	1155	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	676	472	7	102	115	94	102	102	99	104	100	91	80	80	86

TABLE No. 8.

Recapitulation of Causes of Death by Classes of Diseases in Cities, 1920.

Causes of Death by Classes of Diseases.	Total.	Ages.															Sex.			Months.										
		Under 0-1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29	30-39	40-49	50-59	60-69	70-79	80 and over.	Not stated.	Male.	Female.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Group Total.....	17,473	3,633	528	254	160	154	520	275	380	1,345	1,555	1,337	1,606	2,102	2,112	1,419	93	9,027	8,426	20	1,527	2,814	1,805	1,507	1,513	1,251	1,189	1,159	1,191	1,241	1,126	1,150
I. General diseases.....	5,283	418	208	133	92	88	294	130	166	638	763	583	594	601	433	115	27	2,587	2,696	..	436	1375	601	416	379	341	313	283	267	301	292	279
II. Diseases of the nervous system and of the organs of special sense.	1,389	170	46	16	6	9	31	25	19	61	73	88	168	285	244	117	11	695	674	..	133	144	137	131	114	115	96	93	96	104	98	108
III. Diseases of the circulatory system.....	2,306	20	4	1	6	2	18	26	29	82	107	173	295	513	629	383	18	1,209	1,097	..	210	235	217	216	236	186	176	160	138	189	166	177
IV. Diseases of the respiratory system.....	2,256	460	150	50	19	18	45	14	48	165	209	139	200	265	282	178	14	1.217	1,038	1	251	516	282	225	240	154	98	53	84	99	105	149
V. Diseases of the digestive system.....	1,599	688	85	26	19	16	44	30	42	85	87	114	116	131	78	34	4	853	746	..	77	89	129	99	105	94	148	223	246	173	107	109
VI. Non-venereal diseases of the genito-urinary system and annexa	730	15	4	2	1	...	11	7	9	62	84	80	105	151	120	73	6	384	346	..	70	78	73	68	67	52	55	49	44	44	56	74
VII. The puerperal state..	247	.....	.....	.....	.....	.....	.....	1	16	105	100	24	.....	.....	.....	.....	1	.....	247	..	17	26	32	30	26	24	20	18	17	10	12	15
VIII. Diseases of the skin and cellular tissue..	90	18	1	2	...	2	.....	...	1	3	3	10	7	11	22	10	...	48	42	..	8	8	8	8	16	9	5	8	5	4	4	7
IX. Diseases of the bones and of the organs of locomotion.....	35	5	...	1	...	2	3	5	4	1	3	1	5	5	.....	.....	...	22	13	..	5	2	....	4	3	3	3	3	3	3	2	4
X. Malformations.....	248	231	5	4	1	...	4	2	1	.....	.....	.....	.....	.....	.....	.....	...	127	119	2	25	12	21	18	27	17	24	15	20	25	21	23
XI. Diseases of early infancy.....	1,581	1581	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	904	661	16	135	154	134	151	158	135	119	115	133	136	113	98
XII. Old age.....	728	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36	233	456	3	303	424	1	77	89	82	57	54	47	56	53	51	53	62	47
XIII. Affections produced by external causes.....	842	20	17	17	16	16	66	33	39	129	112	104	85	69	61	49	9	576	266	..	62	60	66	71	79	66	71	75	77	90	75	50
XIV. Ill-defined diseases...	159	7	8	2	...	1	4	2	6	14	14	21	31	35	10	4	...	102	57	..	21	26	23	13	9	8	5	11	12	10	13	10
Still-births(not incl.in totals	1,491	1491	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	874	558	59	129	142	151	118	109	126	129	129	129	114	106	109

TABLE No. 9.

Recapitulation of Causes of Death by Classes of Diseases in Towns of 5,000 population, 1920.

Causes of Death by Classes of Diseases.	Total.	Ages.															Sex.			Months.											
		Under 0-1	1.	2.	3.	4.	5-9.	10-14.	15-19	20-29	30-39	40-49	50-59	60-69	70-79	80 and over.	Not stated.	Male.	Female.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Grand Total	3,049	718	108	38	38	30	76	76	71	238	247	213	237	340	345	256	18	1,642	1,406	1	270	471	305	269	244	194	194	217	216	236	205	228
I. General diseases	853	69	43	20	20	14	37	41	40	111	106	91	83	94	57	21	6	434	419	..	57	232	94	79	47	50	47	35	57	52	48	55
II. Diseases of the nervous system and of the organs of special sense	230	47	3	2	1	2	6	3	5	7	6	20	20	45	36	27	...	105	125	..	23	26	25	21	20	16	15	16	11	24	16	18
III. Diseases of the circulatory system	366	1	1	...	...	...	3	6	5	6	23	14	42	99	116	50	...	202	164	..	33	33	35	30	41	20	21	32	34	30	27	30
IV. Diseases of the respiratory system	353	91	30	8	4	4	9	2	4	23	33	24	33	33	30	23	2	197	156	..	40	84	49	33	33	23	10	16	5	15	21	24
V. Diseases of the digestive system	305	150	22	3	9	7	13	13	4	14	12	10	15	12	14	7	...	166	139	..	19	16	22	20	11	21	25	47	44	40	15	25
VI. Non-venereal diseases of the genito-urinary system and annexa	131	3	1	1	1	...	1	2	3	11	16	14	16	27	20	15	...	70	61	..	17	10	8	9	8	10	11	6	10	17	11	14
VII. The puerperal state	53	....	....	....	....	....	....	....	1	27	20	5	....	....	....	....	....	.....	53	..	6	4	8	7	5	3	3	6	3	3	2	2
VIII. Diseases of the skin and cellular tissue	22	4	....	....	....	1	....	....	....	....	1	4	3	3	4	2	...	13	9	..	....	6	....	1	1	2	2	3	1	4	1	1
IX. Diseases of the bones and of the organs of locomotion	7	....	1	....	....	....	2	....	....	....	....	2	....	1	1	....	....	3	4	..	1	....	....	....	....	1	1	1	....	2	1	....
X. Malformations	49	46	1	...	1	...	....	....	....	....	1	....	....	....	....	....	....	28	21	..	4	6	5	4	8	....	3	6	1	6	3	3
XI. Diseases of early infancy	307	307	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	177	130	..	33	28	32	35	35	19	19	20	19	15	26	26
XII. Old age	169	....	....	....	....	....	....	....	....	....	....	....	....	9	57	102	1	83	86	..	15	13	10	10	16	14	22	11	14	12	15	17
XIII. Affections produced by external causes	179	....	5	4	2	2	4	9	9	39	25	24	18	15	7	9	7	150	29	..	20	10	15	18	15	15	11	17	16	12	18	12
XIV. Ill-defined diseases	25	....	1	....	....	....	1	....	....	....	4	5	7	2	3	....	2	14	10	1	2	3	2	2	4	....	4	1	1	4	1	1
Still-births (not incl. in totals	225	225	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	137	85	3	19	18	20	13	20	27	26	18	17	15	15	17

TABLE

Showing Total Deaths by Individual

N.B. First line shows totals including Cities and Towns. Second line shows totals excluding

CAUSES OF DEATH.	Total.	Algoma.	Brant.	Bruce.	Carleton.	Dufferin.	Elgin.	Essex.	Frontenac.	Grey.	Haldimand.	Haliburton.	Halton.	Hastings.	Huron.	Kenora.
I.—General Diseases Grand Total, including Cities and Towns	40,440	584	680	579	2,413	187	577	1,305	768	721	286	54	275	869	632	275
Total Rural Municipalities	19,918	287	275	579	493	187	357	632	254	533	286	54	275	547	632	196
I—General Diseases (A—Epidemic Diseases.) Group Total	5,704	70	83	155	121	56	100	173	74	129	75	10	78	126	172	153
1. Typhoid Fever	97	....	1	3	2	....	2	4	....	3	1	....	1	1	2	2
4. Malaria	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5. Smallpox	14	....	1	3	....	....	....	....	....	....	....	....	....	....	....	....
6. Measles	117	2	1	6	2	1	....	7	1	1	1	....	3	5	....	....
7. Scarlet Fever	60	2	....	1	....	....	2	8	1	1	....	....	2	4	....	....
8. Whooping Cough	166	3	1	1	5	....	4	5	3	2	3	1	3	3	2	1
9. Diphtheria and Croup	275	4	4	4	5	1	4	7	4	1	3	1	2	8	4	....
10. Influenza	1612	12	28	20	30	9	26	72	9	24	19	1	19	42	38	128
13. Cholera Nostras	5	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
14. Dysentery	33	3	....	1	....	....	....	....	1	1	1	....	....	....	2	2
18. Erysipelas	44	1	....	....	....	1	1	2	....	2	....	....	....	1	1	....
19. Other epidemic diseases	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20. Purulent infection and septicæmia	65	....	....	3	....	....	2	4	1	....	1	....	2	2	2	1
24. Tetanus	7	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....
25. Mycoses	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total deaths from tuberculosis	1,266	22	18	37	28	8	15	29	25	28	17	....	14	17	22	10
28. Tuberculosis of the lungs	1.137	21	17	34	24	6	12	24	24	23	16	....	13	15	18	10
29. Acute miliary tuberculosis	10	....	....	....	....	....	1	....	....	2	....	....	....	1	....	....
30. Tuberculous meningitis	49	....	....	2	1	1	1	3	....	1	....	....	1	1	2	....
31. Abdominal tuberculosis	37	....	1	....	1	....	....	1	....	....	1	....	....	....	1	....
32. Pott's Disease	7	....	....	1	1	1	....	....	1	1	....	....	....	....	....	....
33. White Swelling	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
34. Tuberculosis of other organs	23	1	....	....	1	....	1	1	....	....	....	....	....	....	1	....
35. Disseminated tuberculosis	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
36. Rickets	11	....	....	1	....	....	....	1	....	....	1	....	1	....	....	....
37. Syphilis	12	....	....	1	....	....	1	1	....	....	....	2	....	....	2	....
39. Cancer and other malignant tumors of the buccal cavity	67	2	2	6	1	....	2	....	....	1	....	....	1	2	4	....
40. Cancer and other malignant tumors of the stomach, liver	355	4	4	9	8	10	9	3	5	16	7	....	9	10	10	2
41. Cancer and other malignant tumors of the peritonæum, intestines, rectum	170	1	2	7	4	2	6	3	1	5	4	1	3	5	9	1
42. Cancer and other malignant tumors of the female genital organs	85	....	....	3	4	3	3	....	1	3	1	....	1	....	4	....
43. Cancer and other malignant tumors of the breast	95	....	2	3	....	1	1	1	3	6	....	....	1	2	6	....
44. Cancer and other malignant tumors of the skin	31	1	....	1	1	....	....	....	....	1	1	1	....	....	1	....
45. Cancer and other malignant tumors of other organs or of organs not specified	315	2	5	9	12	3	7	3	2	6	6	1	5	9	20	....
46. Other tumors (tumors of the female genital organs excepted)	22	....	1	1	....	2	....	1	....	1	....	....	....	....	....	....
47. Acute articular rheumatism	66	1	2	2	1	....	1	3	1	3	1	1	....	1	3	....
48. Chronic rheumatism and gout	87	1	1	4	3	2	3	8	1	4	1	....	....	1	2	..
49. Scurvy	2	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....
50. Diabetes	182	4	1	10	5	5	3	6	6	4	3	....	2	5	12	3
51. Exophthalmic goitre	56	....	1	4	....	2	1	2	3	1	....	....	2	2	6	....
52. Addison's Disease	9	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....
53. Leuchæmia	26	....	1	1	....	1	....	....	....	1	1	....	1	1	3	....
54. Anæmia, Chlorosis	307	3	6	12	6	3	8	1	4	14	2	1	5	3	15	1
55. Other general diseases	24	....	....	1	2	....	....	....	1	....	....	....	1	2	1	....
56. Alcoholism (acute or chronic)	12	2	....	....	....	....	....	....	....	....	....	....	....	....	....	2
57. Chronic lead poisoning	2	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....
59. Other chronic poisonings	0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

No. 10.

Diseases, in each County, 1920.

Cities and Towns. **Last column shows totals of individual diseases including Cities and Towns, 1920.**

Kent.	Lambton.	Lanark.	Leeds and Grenville.	Lennox and Addington.	Lincoln.	Manitoulin.	Middlesex.	Muskoka.	Nipissing.	Norfolk.	Northumberland and Durham	Ontario.	Oxford	Parry Sound.	Peel.	Perth.	Peterboro.	Prescott and Russell.	Prince Edward	Rainy River.	Renfrew.	Simcoe.	Stormont, Dundas & Glengarry.	Sudbury.	Timiskaming.	Thunder Bay.	Victoria.	Waterloo.	Welland.	Wellington.	Wentworth.	York.	Grant total, including Cities and Towns.	Numbers.
796	683	464	822	248	575	163	1,618	270	553	324	813	625	682	346	283	562	576	796	287	153	716	1,225	862	735	729	738	362	912	819	831	2,213	8,453	40,440	
533†	456	328	628	248	163	587	270	351	324	813	437	431	269	283	368	238	678	287	153	433	783	665	424	520	85	225	336	466	558	479	1,229	.....	
149	136	81	168	80	58	38	168	107	101	81	222	137	101	63	79	85	69	199	59	77	106	248	168	113	167	24	58	84	114	144	158	487	11,840	
1	4	2	1	...	...	...	1	1	12	2	2	3	3	6	...	...	...	4	..	4	2	...	7	2	10	..	4	1	2	...	1	203	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	4
...	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	6	33	5
1	...	...	1	5	...	...	...	...	2	...	4	...	1	...	2	4	1	16	..	3	...	17	1	7	9	1	5	1	2	1	3	303	6
1	2	...	3	1	3	...	...	...	...	...	...	2	4	1	...	1	1	1	1	...	...	3	...	2	2	1	...	3	...	...	7	170	7
3	1	5	1	7	1	...	2	1	9	1	13	1	...	8	2	1	4	11	...	1	2	11	7	5	8	...	1	4	4	3	1	11	376	8
12	6	5	4	2	1	...	8	2	23	2	6	4	4	5	1	4	4	15	1	3	16	8	9	14	3	..	1	1	13	4	6	36	745	9
51	56	16	48	14	15	13	44	13	28	16	60	39	26	15	29	16	26	58	11	33	31	62	30	44	85	11	13	26	42	39	32	93	3,276	10
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	6	13
1	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	2	1	...	...	1	1	2	...	3	...	...	1	...	...	...	4	42	14
...	...	1	1	...	1	...	...	...	...	1	2	1	...	...	1	...	...	...	1	3	...	3	1	2	...	...	...	2	1	2	3	9	126	18
...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	9	19
2	2	..	2	1	1	..	5	1	2	3	1	3	1	1	1	2	1	1	..	2	...	2	2	2	3	...	...	...	1	...	2	3	190	20
...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	12	24
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	25
32	22	17	41	11	14	10	42	62	15	14	32	18	17	12	8	14	7	43	7	18	17	59	46	19	25	10	10	13	27	24	76	194	2280	
29	18	15	36	10	11	10	39	58	14	10	28	17	14	11	8	11	5	36	6	18	14	56	42	16	22	9	9	13	21	21	76	178	1941	28
...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	45	29
2	1	...	2	...	...	...	2	...	...	...	3	...	1	...	...	...	1	2	...	1	...	1	3	3	...	...	...	4	1	...	8	125	30
...	...	1	1	...	2	...	1	3	...	4	1	...	2	...	...	...	1	3	...	1	1	1	1	...	...	...	1	...	1	1	...	7	91	31
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	20	32
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	33
1	1	1	1	...	1	...	...	...	1	...	...	2	...	1	...	2	...	2	...	...	...	1	...	...	...	1	...	...	1	1	...	1	38	34
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	10	35
...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	3	1	...	...	...	...	...	...	...	31	36
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	1	93	37
1	1	1	3	1	...	...	2	...	...	2	1	2	1	...	...	2	...	3	1	...	3	7	1	...	1	...	2	...	1	...	3	4	11	39
4	8	3	15	6	4	3	18	4	4	7	13	11	11	6	1	4	3	8	7	5	6	13	15	4	2	..	2	5	3	13	13	19	782	40
4	5	6	1	2	1	..	7	...	1	4	10	8	5	2	4	2	1	4	5	..	2	7	9	1	2	..	1	6	1	6	....	9	396	41
5	...	..	3	6	1	..	2	...	..	4	2	3	5	2	2	...	1	2	1	..	1	6	3	2	1	..	...	2	2	...	....	6	234	42
4	5	1	4	..	1	..	2	2	...	2	4	4	1	..	3	3	..	1	4	..	2	4	4	...	...	1	1	1	...	2	3	9	19	43
1	...	...	...	1	1	1	3	1	...	1	3	3	...	...	1	...	...	1	2	...	...	...	3	...	1	...	...	...	...	1	...	...	49	44
8	4	7	12	8	5	2	10	7	2	5	22	7	9	1	4	10	4	15	6	1	4	11	5	2	1	..	4	2	1	12	7	27	688	45
3	...	...	...	...	1	...	...	...	...	1	1	1	1	2	...	1	1	...	...	...	...	1	1	...	1	...	...	...	...	...	...	1	41	46
1	3	1	...	...	1	2	2	2	...	...	3	2	1	1	3	1	...	2	...	...	2	4	2	...	2	...	...	...	...	4	1	6	134	47
2	1	2	3	2	...	...	1	2	2	2	5	2	...	...	...	2	2	...	2	...	2	5	2	...	...	2	2	1	2	3	7	154	48
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	49
1	4	5	4	7	2	2	2	3	1	1	8	5	6	3	6	...	1	4	...	2	3	6	5	2	2	1	2	3	...	9	2	11	333	50
3	1	1	2	1	...	2	...	1	...	2	1	1	1	1	...	1	1	...	1	...	3	1	2	...	...	...	...	...	2	2	1	2	101	51
1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	16	52
...	...	1	...	...	2	...	1	...	...	1	3	1	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	1	2	1	...	53	53
6	8	6	14	4	3	2	12	3	...	9	22	13	5	2	4	8	5	5	..	6	5	13	8	1	...	14	9	...	4	12	4	16	511	54
...	1	2	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	1	..	1	1	3	...	...	...	...	...	...	...	1	...	1	56	55
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	4	...	...	1	...	...	...	...	63	56
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	57
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	59

TABLE

Showing Total Deaths by Individual

N.B.—First line shows totals including Cities and Towns. Second line shows totals excluding

CAUSES OF DEATH.	Total.	Algoma.	Brant.	Bruce.	Carleton.	Dufferin.	Elgin.	Essex.	Frontenac.	Grey.	Halidmand.	Haliburton.	Halton.	Hastings.	Huron.	Keno.a
II.—Diseases of the Nervous System and of the Organs of Special Sense																
Group Total	1,777	21	21	64	33	14	34	63	27	55	27	5	23	51	58	2
60. Encephalitis	44	....	....	2	....	....	....	5	....	1	....	....	....	....	2	....
61. Meningitis	116	1	3	1	4	....	1	10	....	3	1	1	1	5	3	....
62. Locomotor ataxia	19	....	....	....	2	....	2	1	....	3	....	....	....	1	4	....
63. Other diseases of the spinal cord	93	....	1	3	1	1	2	4	....	1	....	....	4	1	4	....
64. Cerebral hæmorrhage, apoplexy	759	6	12	25	13	8	11	22	10	16	18	2	9	25	33	1
65. Softening of the brain	20	....	....	....	....	2	1	....	....	2	....	....	....	....	1	....
66. Paralysis without specified cause	229	6	....	11	4	2	6	7	2	12	2	1	3	9	4	....
67. General paralysis of the insane	23	....	....	1	....	....	....	....	7	....	....	....	....	....	....	....
68. Other forms of mental alienation	84	....	1	....	....	....	....	1	3	....	1	....	....	2	1	....
69. Epilepsy	124	3	....	3	1	....	3	1	4	3	1	1	2	1	2	....
70. Convulsions (non-puerperal)	10	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
71. Convulsions of infants	138	3	3	8	5	....	4	9	1	6	2	....	2	2	1	1
72. Chorea	12	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
73. Neuralgia and neuritis	24	1	....	6	....	....	....	1	....	3	....	....	....	1	1	....
74. Other diseases of the nervous system	71	1	1	3	3	1	2	....	....	5	2	....	2	3	2	..
75. Diseases of the eyes and their annexa	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
76. Diseases of the ears	10	....	....	....	....	....	....	2	....	....	....	....	....	1	....	....
III.—Diseases of the Circulatory System.																
Group Total	2,971	26	43	87	81	50	64	89	48	89	53	7	50	102	119	3
77. Pericarditis	10	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....
78. Acute endocarditis	89	1	2	5	6	1	....	6	....	4	2	....	2	2	3	....
79. Organic diseases of the heart	1,691	18	19	51	36	21	38	44	32	57	30	3	29	56	67	2
80. Angina pectoris	75	....	....	2	1	....	5	....	....	1	1	....	....	3	4	....
81. Diseases of the arteries, atheroma, aneurism, etc.	1,018	7	17	23	33	28	20	36	13	27	20	3	19	34	43	1
82. Embolism and thrombosis	55	....	2	4	4	....	1	2	2	....	....	....	....	3	1	....
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc)	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
84. Diseases of the lymphatic system (lymphangitis, etc.)	8	....	1	1	....	....	....	....	....	....	....	....	....	2	....	....
85. Haemorrhage; other diseases of the circulatory system	19	....	2	1	1	....	....	1	1	....	....	1	....	1	....	....
IV.—Diseases of the Respiratory System.																
Group Total	2,127	36	31	62	68	17	25	71	23	64	18	8	23	57	61	6
86. Diseases of the nasal fossae	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
87. Diseases of the larynx	21	....	....	....	....	....	1	1	....	3	....	....	....	1	....	....
88. Diseases of the thyroid body	15	....	....	1	....	1	....	1	1	1	....	....	1	....	1	....
89. Acute bronchitis	135	6	2	2	4	....	2	3	1	3	1	1	2	4	5	1
90. Chronic bronchitis	189	1	5	4	4	2	3	3	2	1	3	....	6	4	3	....
91. Broncho-pneumonia	331	12	3	6	9	2	3	11	6	3	3	3	1	11	14	....
92. Pneumonia	1,193	17	16	45	44	7	15	43	11	46	9	3	11	30	32	5
93. Pleurisy	70	....	2	1	1	1	....	6	2	3	....	....	....	2	1	....
94. Pulmonary congestion, pulmonary apoplexy	35	....	....	....	....	1	....	....	....	3	1	....	....	1	2	....
95. Gangrene of the lung	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
96. Asthma	104	....	3	1	6	2	1	3	....	1	....	1	2	3	3	....
97. Pulmonary emphysema	4	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
98. Other diseases of the respiratory system (tuberculosis excepted.)	27	....	....	2	....	....	....	....	....	....	1	....	....	1	....	....

No. 10.—Continued.

Diseases in each County, 1920.

Cities and Towns. **Last column shows totals of individual diseases, including Cities and Towns, 1920.**

Kent.	Lambton.	Lanark.	Leeds and Grenville.	Lennox and Addington.	Lincoln.	Manitoulin.	Middlesex.	Muskoka.	Nipissing.	Norfolk.	Northumberland & Durham.	Ontario.	Oxford.	Parry Sound.	Peel.	Perth.	Peterboro.	Prescott and Russell.	Prince Edward.	Rainy River.	Renfrew.	Simcoe.	Stormont, Dunds.&Glengarry.	Sudbury.	Timiskaming.	Thunder Bay.	Victoria.	Waterloo.	Welland.	Wellington.	Wentworth.	York.	Grand Total (including Cities and Towns.)	Numbers.
48	47	28	70	17	36	12	71	18	16	27	71	50	54	18	27	32	20	45	31	6	36	68	79	20	11	1	18	34	39	53	68	108	3,376	
3	2	...	...	...	...	...	2	...	...	...	2	...	1	...	...	1	...	1	...	...	2	...	4	2	3	...	1	1	1	...	...	8	110	60
4	4	2	3	1	2	1	3	2	4	1	2	...	3	...	4	1	1	4	2	...	3	6	5	6	1	...	3	2	3	3	2	4	250	61
...	...	...	...	...	2	...	...	...	...	...	...	2	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40	62
3	...	2	3	1	3	..	2	...	1	2	7	1	4	..	2	4	2	3	1	1	1	4	3	1	...	...	1	7	...	5	6	1	166	63
19	28	19	18	12	22	4	36	6	6	14	29	21	19	11	7	14	7	15	18	4	10	23	46	3	3	1	8	13	19	19	23	51	1,394	64
...	...	...	...	...	...	...	1	...	...	...	3	1	...	...	...	...	...	...	1	...	...	2	2	...	...	...	1	...	...	2	...	1	35	65
5	2	1	11	..	2	4	7	4	1	2	9	6	3	3	5	..	4	13	2	1	6	10	6	3	...	...	3	4	5	11	11	16	409	66
1	...	...	4	...	...	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	40	67
3	...	..	13	2	...	...	1	1	...	1	2	3	1	...	2	3	1	2	1	...	2	10	1	...	...	...	...	...	3	14	9	164	68
...	4	2	14	..	2	2	4	2	...	2	7	3	18	...	4	5	...	1	2	...	1	4	5	...	...	...	...	2	2	...	7	6	189	69
...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	1	2	...	1	17	70
6	...	2	...	...	1	...	4	2	1	3	3	8	2	4	...	1	1	5	2	...	7	4	3	5	3	...	2	7	5	2	8	297	71
...	...	...	...	...	...	...	1	1	...	...	1	...	1	...	...	1	2	...	...	...	...	2	...	...	...	...	1	...	...	1	...	...	16	72
...	...	...	...	...	2	...	...	...	...	...	1	2	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2	1	...	...	...	1	29	73
4	5	..	4	1	...	...	1	...	1	1	5	3	1	...	1	3	...	...	2	...	3	2	2	...	1	...	1	...	...	3	1	1	158	74
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	75
...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	69	76
78	69	59	128	37	42	6	112	23	27	79	148	68	82	20	44	64	24	62	67	11	54	117	101	27	36	5	35	48	61	90	62	174	5,643	
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	2	1	...	...	...	...	...	1	1	...	21	77
1	2	...	...	3	2	...	1	1	...	7	3	...	3	1	1	1	5	1	...	3	1	2	3	1	1	...	3	2	2	4	1	189	78
42	45	49	61	25	25	6	64	15	23	31	70	32	49	13	17	31	11	39	41	2	34	74	59	16	27	3	22	23	43	62	29	105	3,173	79
7	...	...	2	1	1	...	2	...	...	1	6	2	1	...	...	5	1	2	3	1	2	2	3	1	3	...	1	1	...	2	3	5	187	80
24	18	7	60	8	14	...	43	6	4	35	61	33	32	4	25	25	11	16	20	7	14	35	34	6	4	1	12	21	16	21	24	53	1,878	81
2	3	2	2	...	...	...	...	...	...	3	7	1	...	...	...	1	...	...	1	1	1	3	1	...	1	...	...	...	...	2	1	4	110	82
1	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	17	83
...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	28	84
1	1	...	1	...	...	...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	3	40	85
58	37	50	64	28	24	25	65	27	36	30	76	38	54	38	26	41	24	101	31	9	41	76	86	54	74	21	24	43	57	56	35	108	4,736	
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	7	86
...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	1	3	...	1	...	...	1	...	...	...	1	...	1	1	...	3	35	87
...	...	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	1	1	1	...	...	...	...	1	...	...	1	...	31	88
1	2	3	4	...	3	...	3	2	...	4	2	1	3	2	...	3	1	11	1	...	8	10	8	6	4	1	...	2	4	...	1	8	285	89
5	1	2	10	2	1	1	4	8	1	5	8	3	7	2	6	7	5	4	2	...	3	11	10	1	4	...	3	8	7	6	2	9	291	90
10	4	4	8	4	3	...	3	3	4	1	12	10	7	8	5	5	2	29	1	2	2	12	18	14	20	1	...	4	11	4	9	24	986	91
35	23	34	35	19	13	23	43	11	30	14	33	17	30	20	9	18	11	48	25	6	22	37	37	30	42	18	13	22	30	39	18	54	2,652	92
4	1	...	1	...	2	...	3	3	...	3	11	1	2	2	1	1	...	...	...	...	2	1	3	2	3	...	...	1	...	2	...	2	129	93
1	2	..	2	1	...	...	2	...	...	1	2	1	1	2	...	...	1	3	...	...	1	...	2	...	...	...	2	1	...	...	2	...	79	94
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	95
...	3	4	3	1	1	1	5	...	...	2	5	3	4	2	5	5	2	2	...	...	2	3	3	1	1	1	4	3	3	2	2	5	172	96
...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	11	97
2	...	1	1	1	...	...	1	...	...	...	2	...	...	...	...	2	1	1	1	1	...	...	3	...	...	1	1	1	1	...	2	56	98

TABLE

Showing Total Deaths by Individual

N.B. First line shows totals including Cities and Towns. Second line shows totals excluding

CAUSES OF DEATH.	Total.	Algoma.	Brant.	Bruce.	Carleton.	Dufferin.	Elgin.	Essex.	Frontenac.	Grey.	Haldimand.	Haliburton.	Halton.	Hastings.	Huron.	Kenora.
V.—Diseases of the Digestive System.																
Group Total	1,456	32	10	26	65	11	18	52	12	34	8	4	17	47	31	10
99. Diseases of the mouth and annexa	6															
100. Diseases of the pharynx	41	3			1		1	2						3		
101. Diseases of the oesophagus	2	1														
102. Ulcer of the stomach	40	1		1	3			1		3	1		1	1	2	1
103. Other diseases of the stomach (cancer excepted.)	128	1	4	2	3	1	4	1		6			1	3	2	
104. Diarrhoea and enteritis (under 2 years)	691	21	2	4	46	1	5	30	6	4	4	2	9	18	7	7
105. Diarrhoea and enteritis (2 years and over)	122	1		2	7			3	1	4		1	2	5	1	2
107. Intestinal parasites	2															
108. Appendicitis and typhlitis	121	1		8		4	4	6		6	3	1		4	8	
109. Hernia, intestinal obstructions	107	1		2	1	2	1	2	1	4			1	4	6	
110. Diseases of the intestines	41		1	1	1		2	1						3	1	
111. Acute yellow atrophy of the liver	3															
112. Hydatid tumor of the liver	2	1														
113. Cirrhosis of the liver	42		2	2	1			1	1	4			1	3	2	
114. Biliary calculi	21			1		2			1	1				2		
115. Other diseases of the liver	46			3				1	2	1			1	1		
116. Diseases of the spleen	1															
117. Simple peritonitis (nonpuerperal.)	39	1	1		2	1	1	4		1			1		2	
118. Other diseases of the digestive system (cancer and tuberculosis excepted.)	1															
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																
Group Total	727	9	13	34	18	3	26	19	6	19	9	1	12	15	28	1
119. Acute nephritis	58	1		2	3		2	2	1	3			1	1	4	
120. Bright's disease	480	8	9	16	9	2	21	13	3	11	6	1	9	8	20	1
122. Other diseases of the kidneys and annexa	25		1	1				1		1	2					
123. Calculi of the urinary passages	8			1										1		
124. Diseases of the bladder	46		2	3	2				1				2	3		
125. Diseases of the urethra, urinary abscess, etc.	3															
126. Diseases of the prostate	88		1	10	3	1	3	3		3				2	4	
127. Non-venereal diseases of the male genital organs																
128. Uterine haemorrhage (nonpuerperal.)	3															
129. Uterine tumor (noncancerous.)																
130. Other diseases of the uterus	4								1							
131. Cysts and other tumors of the ovary	11			1	1					1	1					
132. Salpingitis and other diseases of the female genital organs	1															
133. Non-puerperal diseases of the breast (cancer excepted)																
VII.—The Puerperal State.																
Group Total	189	6	3	6	1	3	5	13	3	7	2	1	1	5	7	
134. Accidents of pregnancy	26	1		2		1		1		1				1	3	
135. Puerperal haemorrhage	20						1	3			1					

No. 10—Continued.

Diseases in each County, 1920.

Cities and Towns. Last column shows totals of individual diseases including Cities and Towns, 1920.

Kent.	Lambton.	Lanark.	Leeds and Grenville.	Lennox and Addington.	Lincoln.	Manitoulin.	Middlesex.	Muskoka.	Nipissing.	Norfolk.	Northumberland & Durham.	Ontario.	Oxford.	Parry Sound.	Peel.	Perth.	Peterboro.	Prescott and Russell.	Prince Edward.	Rainy River.	Renfew.	Simcoe.	Stormont, Dundas & Glengarry.	Sudbury.	Timiskaming.	Thunder Bay.	Victoria.	Waterloo.	Welland.	Wellington.	Wentworth.	York.	Grand Total, including Cities and Towns.)	Numbers.
44	39	17	27	14	16	11	32	8	46	2	1 5	2 2	3	19	18	18	17	19	86	13	12	37	60	51	59	87	8	16	23	48	32	25	81	3,360	
..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	23	99
1	2	..	1	1	2	..	2	..	1	..	3	1	1	1	2	..	1	..	..	..	1	2	..	2	1	..	..	..	..	1	1	4	81	100
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	101
4	2	..	2	..	..	..	2	..	1	1	2	..	2	..	..	1	..	..	..	..	..	..	..	2	..	..	..	1	..	1	..	1	3	99	102
3	4	2	3	4	1	2	3	2	6	2	6	4	3	3	..	..	2	3	1	..	7	9	4	4	5	..	2	1	6	4	..	4	226	103
23	6	6	8	6	8	3	5	5	33	6	19	9	1	10	5	4	8	68	5	9	13	16	32	41	65	5	5	9	31	5	15	41	1,554	104
3	3	1	4	1	..	1	3	..	4	1	7	2	1	2	2	3	2	7	1	1	5	10	3	2	4	3	1	4	1	4	2	5	242	105
..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	107
..	3	2	2	..	..	1	5	1	..	3	3	3	1	..	3	5	4	..	2	1	2	5	2	5	6	..	2	3	4	5	..	3	369	108
3	8	2	2	..	2	1	6	..	..	3	4	2	3	1	1	2	1	3	1	1	2	6	1	2	2	..	3	5	1	5	2	7	277	109
1	..	2	1	1	..	..	..	..	..	..	1	1	2	1	2	..	1	2	1	..	2	2	4	1	1	..	..	..	..	1	..	..	2	94	110
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	7	111
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	3	112
1	..	1	2	1	..	1	2	..	..	..	1	1	3	..	1	..	..	1	..	..	1	2	..	1	..	..	2	..	1	..	1	2	93	113
..	3	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..	1	1	..	..	1	1	..	..	..	..	1	1	2	..	..	73	114
4	5	..	1	..	2	2	1	..	..	3	1	..	2	..	..	..	..	..	1	..	2	2	1	1	2	..	..	..	1	2	2	2	93	115
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	9	116
..	3	..	..	..	..	..	..	..	..	1	1	3	..	..	..	1	..	1	..	..	..	2	3	1	..	..	..	..	..	1	2	1	5	98	117
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	118
14	13	15	36	10	12	3	29	6	5	16	32	18	20	9	9	23	5	18	12	2	17	29	37	10	15	2	6	11	13	21	15	31	1,588	
..	..	5	..	..	1	..	4	2	2	..	3	1	1	1	2	..	1	3	..	11	..	1	2	..	6	..	..	1	..	..	..	1	148	119
11	7	8	32	7	7	2	20	3	2	12	22	14	12	8	4	17	1	10	6	11	20	28	7	6	1	4	8	8	..	12	10	22	979	120
..	1	..	..	1	1	..	..	..	..	..	1	..	1	..	..	..	..	1	2	..	..	1	1	3	..	..	..	..	1	2	2	1	60	122
..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	..	..	23	123
1	..	1	2	1	1	1	..	..	..	2	1	..	1	..	..	2	1	1	..	..	1	4	3	..	..	..	1	1	..	2	2	4	104	124
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	8	125
..	5	1	2	1	1	..	4	1	1	..	4	1	5	..	4	..	2	2	3	..	5	1	2	..	1	1	1	..	4	2	1	3	170	126
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	127
1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	128
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	129
1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	26	130
..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	1	..	1	..	..	31	131
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	132
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	133
1	5	5	2	2	2	3	4	1	6	5	5	6	2	3	4	2	7	2	2	..	5	3	4	10	5	1	2	3	5	6	2	11	489	
..	3	2	..	..	..	..	..	..	..	1	2	..	..	..	1	..	..	1	..	..	..	1	..	1	..	2	..	..	1	..	1	..	2	76	134
..	..	..	..	1	..	..	..	..	..	..	1	3	..	1	2	..	1	..	1	..	..	..	1	1	..	..	..	1	..	1	..	1	45	135

TABLE

Showing Total Deaths by Individual

N.B. First line shows totals including Cities and Towns. Second line shows totals excluding

OFFICIAL ENGLISH TRANSLATION (Diseases and Causes of Death)	Total	Algoma.	Brant.	Bruce.	Carleton.	Dufferin.	Elgin.	Essex.	Frontenac.	Grey.	Haldimand.	Haliburton.	Halton.	Hastings.	Huron.	Kenora.
VII.—The Pueperal State—Con.																
136. Other accidents of labor	26	1	....	1	....	....	1	....	1	1	....	....	....	....	....	....
137. Puerperal septicaemia	46	2	1	1	1	1	2	3	....	1	....	....	....	....	2	....
138. Puerperal albuminuria and convulsions	57	2	2	1	....	1	1	4	1	4	1	1	....	4	1	....
139. Puerperal phlegmasia alba dolens, embolus, sudden death	5	....	....	1	....	....	....	1	....	....	....	....	....	....	1	....
140 Following childbirth (not otherwise defined)	9	....	....	....	....	....	....	1	1	....	....	....	1	....	....	....
VIII.—Diseases of the Skin and of the Cellular Tissue.																
Group Total	82	1	1	5	....	....	....	4	1	1	1	....	1	4	3	....
142. Gangrene	51	1	....	5	....	....	....	3	....	1	1	....	....	3	3	....
143. Furuncle	4	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
144. Acute abscess	23	....	1	....	....	....	....	....	1	....	....	....	1	....	....	....
145. Other diseases of the skin and annexa	4	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
IX.—Diseases of the Bones and of the Organs of Locomotion.																
Group Total	26	....	....	1	....	....	....	2	....	....	....	....	2	1	....	....
146. Diseases of the bones (tuberculosis excepted.)	7	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....
147. Diseases of the joints (tuberculosis and rheumatism excepted	18	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....
148. Amputation	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
149. Other diseases of the organs of locomotion	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
X.-Congenital Malformations																
150. Congenital malformations (stillbirths not included)	251	3	1	4	8	1	4	9	2	5	2	3	4	5	9	2
XI.—Diseases of Early Infancy																
Group Total	1,535	21	21	32	49	12	14	45	15	28	16	5	2	36	33	3
151. Congenital debility, icterus, and sclerema	1,403	21	20	30	46	9	12	31	13	27	16	5	20	34	30	3
152. Other diseases peculiar to early infancy	131	....	1	2	3	3	2	14	2	1	....	....	3	2	3	....
153. Lack of care	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
154. XII.—Old Age.																
Group Total	1,834	30	32	64	32	9	48	40	34	78	49	1	21	64	81	..

No. 10.—Continued.

Diseases in each County, 1920.

Cities and Towns. Last column shows totals of individual diseases including Cities and Towns, 1920

Kent.	Lambton.	Lanark.	Leeds & Grenville.	Lennox & Addington.	Lincoln.	Manitoulin.	Middlesex.	Muskoka.	Nipissing.	Norfolk.	Northumberland & Durham.	Ontario.	Oxford.	Parry Sound.	Peel.	Perth.	Peterboro.	Prescott and Russell.	Prince Edward.	Rainy River.	Renfrew.	Simcoe.	Stormont, Dundas&Glengarry.	Sudbury.	Timiskaming.	Thunder Bay.	Victoria.	Waterloo.	Welland.	Wellington.	Wentworth.	York.	Grand Total, including Cities and Towns.	Numbers.
...	...	1	1	..	2	2	...	...	1	1	...	...	1	1	...	...	1	...	...	..	1	1	...	2	1	..	2	1	...	1	...	1	51	136
...	...	..	..	..	..	1	3	...	..	4	2	1	2	...	...	...	1	2	...	1	...	...	1	1	1	1	..	1	3	1	1	5	156	137
1	2	1	...	1	...	...	...	1	1	1	...	1	1	1	1	1	2	1	...	...	3	2	1	5	1	...	...	...	2	2	1	1	123	138
...	...	...	...	...	...	...	1	...	.	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21	139
...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	1	17	140
4	4	..	3	..	2	..	2	**2**	1	..	5	1	2	..	1	3	..	4	1	..	1	5	3	2	...	...	1	...	2	3	2	6	194	
3	3	..	3	..	2	..	2	1	...	...	2	...	...	...	...	1	..	1	1	...	...	4	3	...	...	...	...	...	1	3	2	2	96	142
...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	143
1	...	...	...	...	...	...	...	1	1	...	...	1	1	...	...	2	..	3	...	...	1	1	...	2	...	...	1	...	1	...	...	4	64	144
...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	145
1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	1	..	1	2	...	...	1	2	1	1	...	..	1	2	1	2	1	68	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	2	1	...	...	32	146
1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	1	...	1	1	...	...	...	2	1	1	...	...	1	...	...	2	1	34	147
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	148
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	149
5	4	4	3	6	6	4	4	4	2	3	17	3	4	3	7	6	2	7	2	1	10	9	7	2	9	..	4	7	9	8	5	22	548	
52	21	27	30	13	31	27	22	23	47	13	48	24	21	40	15	25	21	102	1	01	547	64	36	70	67	5	17	34	49	50	26	90	3,423	
49	17	27	28	13	30	25	18	20	47	13	43	22	21	39	12	23	17	93	10	13	42	58	33	68	64	5	12	32	38	47	24	83	3,083	151
3	4	..	2	..	1	2	4	3	...	..	5	2	...	1	3	2	4	9	2	2	5	5	3	2	3	..	5	2	11	3	2	7	332	152
...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	..	...	...	...	...	...	...	7	153
44	41	30	65	25	29	21	47	22	12	35	89	43	42	31	31	46	34	30	40	7	51	69	65	14	6	8	30	32	20	68	56	62	2,731	

TABLE

Showing Total Death by Individual

N.B. First line shows totals including Cities snd Towns. Second line shows totals excluding

CAUSES OF DEATH.	Total.	Algoma.	Brant.	Bruce.	Carleton.	Dufferin.	Elgin.	Essex.	Frontenac.	Grey.	Haldimand.	Haliburton.	Halton.	Hastings.	Huron	Kenora.
XIII.—Affections Produced by External Causes.																
Group Total	932	25	12	28	13	9	11	38	9	13	19	8	19	20	24	9
155. Suicide by poison	12	....	....	....	....	....	....	1	1	....	....	....	....	....	2	...
156. Suicide by asphyxia	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
157. Suicide by hanging or strangulation	26	....	....	1	1	....	....	1	....	....	1	....	1	1	....	...
158. Suicide by drowning	8	....	1	....	....	....	....	....	1	....	....	....	....	....	....	...
159. Suicide by firearms	16	....	....	....	....	....	....	1	....	1	1	....	....	....	....	...
160. Suicide by cutting or piercing instruments	4	....	....	....	....	....	....	....	....	....	1	....	....	....	....	...
161. Suicide by jumping from high places	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
163. Other suicides	7	....	....	....	....	....	....	....	....	1	1	....	....	....	....	...
164. Poisoning by food	11	....	....	....	....	....	....	1	....	....	....	....	....	1	....	...
165. Other acute poisonings	29	....	1	2	....	....	....	3	....	....	....	....	....	1	2	...
167. Burns (conflagration excepted)	89	4	1	1	....	....	....	1	1	1	....	4	2	3	2	2
168. Absorption of deleterious gases (conflagration excepted)	19	1	....	....	1	....	....	....	....	....	....	....	....	....	....	...
169. Accidental drowning	210	11	2	6	4	1	5	9	2	4	3	1	3	3	2	4
170. Traumatism by firearms	27	2	....	2	1	....	....	2	....	....	1	....	....	....	1	...
171. Traumatism by cutting or piercing instruments	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
172. Traumatism by fall	50	....	1	2	....	1	....	2	....	1	1	....	1	1	4	...
173. Traumatism in mines and quarries	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
174. Traumatism by machines	11	....	1	....	....	1	....	....	....	1	....	....	....	....	....	...
175. Traumatism by other crushing	117	2	....	2	2	2	3	8	....	....	2	1	1	4	...	1
(a) Railroad	57	1	....	....	2	....	2	4	....	....	....	....	1	2	...	1
(b) Street car	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
(c) Automobile	14	....	....	....	....	....	....	3	....	....	....	....	....	1	....	...
(d) Other crushing	43	1	....	2	....	2	1	1	....	....	2	1	....	1	....	...
176. Injuries by animals	22	....	....	1	....	1	....	....	1	....	....	....	2	....	1	...
177. Starvation	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
178. Excessive cold	10	....	1	....	....	....	....	....	....	....	....	....	....	....	1	...
179. Effects of heat	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
180. Lightning	13	....	....	....	2	....	....	....	1	....	....	1	....	....	....	...
181. Electricity (lightning excepted	15	....	1	....	....	....	....	2	....	1	....	....	....	....	1.	...
182. Homicide by firearms	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
183. Homicide by cutting or piercing instruments	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	...
184. Homicide by other means	9	....	....	1	....	....	....	....	....	....	....	....	....	....	....	...
185. Fractures (cause not specified	132	3	3	7	1	....	3	1	2	1	5	....	7	1	7	...
186. Other external violence	84	2	....	2	1	3	....	6	....	2	3	1	2	4	2	1
XIV.—Ill-defined Diseases.																
Group Total	307	7	4	11	4	2	8	14	....	11	7	1	1	14	6	1
187. Ill-defined organic disease	18	....	....	1	....	....	....	....	....	....	....	....	....	2	....	...
188. Sudden death	11	....	....	....	....	....	1	2	....	....	1	....	....	....	....	...
189. Cause of death not specified or ill-defined	278	7	4	10	4	2	7	12	....	11	6	1	1	12	6	1
Still Births																
Not included in Totals	1,155	14	13	40	33	14	26	35	14	30	14	7	18	23	31	15

No. 10.—Concluded.

Diseases in each County, 1920.

Cities and Towns. **Last column shows total of individual diseases including Cities and Towns, 1920**

Kent.	Lambton.	Lanark.	Leeds and Grenville.	Lennox and Addington.	Lincoln.	Manitoulin.	Middlesex.	Muskoka.	Nipissing.	Norfolk.	Northumberland & Durham.	Ontario.	Oxford.	Parry Sound.	Peel.	Perth.	Peterboro.	Prescott and Russell.	Prince Edward.	Rainy River.	Renfrew.	Simcoe.	Stormont, Dundas & Glengarry.	Sudbury.	Timiskaming.	Thunder Bay.	Victoria.	Waterloo.	Welland.	Wellington.	Wentworth.	York.	Grand Total, including Cities and Towns.	Numbers.
28	28	9	26	14	21	3	23	24	22	13	38	22	20	25	17	16	8	12	17	11	13	26	21	29	39	5	13	13	44	18	17	40	1,953	
...	1	..	1	..	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	1	2	...	...	...	...	...	...	...	1	..	23	155
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	156
...	...	...	1	1	...	...	1	1	...	...	4	1	1	1	..	3	..	1	...	...	1	...	...	...	1	...	...	...	2	...	1	....	39	157
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	2	....	1	13	158
...	...	1	1	..	...	...	1	...	...	1	3	...	...	...	...	...	...	...	...	...	...	...	2	1	1	...	...	...	...	...	...	2	23	159
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	22	160
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	....	5	161
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	1	...	...	...	...	...	...	1	...	...	...	....	14	163
...	1	...	...	...	...	1	...	1	...	...	1	...	...	...	...	1	...	...	1	...	...	...	1	...	1	...	...	...	...	...	1	....	16	164
2	...	...	...	1	...	2	...	...	...	...	1	...	1	1	...	...	...	...	1	...	2	...	1	1	3	..	2	...	...	...	1	1	68	165
2	4	1	3	3	2	...	...	3	7	2	7	2	1	...	4	1	2	...	...	1	...	3	2	1	..	1	.1	6	3	1	4	200	167
...	...	...	...	1	2	...	...	...	...	...	1	3	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	....	5	73	168
6	3	2	6	3	7	2	6	12	7	1	6	4	4	14	2	...	2	...	2	5	2	3	5	1	7	12	3	4	2	6	2	5	6	299	169
...	1	...	...	...	...	...	...	...	1	...	2	...	1	2	1	..	1	...	...	...	...	2	...	1	1	...	...	...	...	1	....	4	76	170
1	3	1	2	...	...	...	3	1	...	3	1	...	1	1	3	...	...	2	2	1	...	2	...	...	1	...	...	1	1	3	1	2	4	171
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	....	139	172
...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	.3	1	...	....	8	173
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	....	24	174
10	3	2	4	1	4	..	1	3	3	1	5	4	4	2	3	..	...	2	4	2	1	2	6	2	..	3	1	10	1	...	5	346	175
4	1	1	1	1	1	...	...	2	1	..	2	3	2	1	2	...	...	...	1	2	2	...	2	1	1	..	1	...	7	1	....	4	130	
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	....	24	
2	1	1	1	...	...	...	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	....	119	
4	1	..	2	..	2	..	1	1	2	1	1	1	2	..	1	...	...	...	1	2	...	1	...	5	1	..	2	1	...	...	...	...	....	73	
...	1	...	...	1	...	...	...	1	1	1	3	...	1	1	...	...	...	1	1	...	1	2	...	...	...	...	...	...	...	...	1	....	29	176
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	....	1	177
...	...	...	...	...	...	...	1	...	2	...	...	...	1	..	1	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	....	17	178
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	....	3	179
2	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2	...	...	...	....	13	180
...	1	...	...	...	3	..	1	1	...	...	...	2	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	....	31	181
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	....	3	182
...	1	...	...	...	1	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	....	4	183
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	....	20	184
2	5	1	4	1	1	..	6	...	1	1	1	3	4	2	4	5	...	3	..	1	1	4	4	5	6	1	3	2	11	1	4	5	261	185
2	3	..	3	1	...	...	1	...	1	1	1	2	1	..	1	2	1	1	2	1	1	3	4	3	9	1	..	3	1	3	1	2	171	186
7	12	3	6	2	4	10	7	5	30	1	10	3	10	1	4	7	5	9	..	2	15	8	5	13	3	5	1	3	3	8	6	8	491	
...	...	...	...	...	...	...	2	...	...	...	...	...	2	1	1	1	...	1	...	...	2	...	...	...	1	...	...	1	...	...	...	3	27	187
...	...	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	...	...	1	....	27	188
7	12	3	6	2	4	10	5	3	30	1	10	3	7	...	3	6	4	8	..	2	13	8	5	12	2	5	1	1	3	8	5	5	437	189
36	27	23	28	10	13	3	22	27	25	15	48	26	21	15	15	16	16	45	18	10	31	21	32	26	42	3	13	10	41	28	16	106	2,868	

TABLE No. 11.

Table Showing Total Deaths by Individual Diseases in each City.—1920.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death).	Total.	Belleville.	Brantford.	Chatham.	Fort William.	Galt.	Guelph.	Hamilton.	Kingston.	Kitchener.	London.	Niagara Falls.	Ottawa.	Owen Sound.	Peterboro.	Port Arthur.	St. Catharines.	St. Thomas.	Sarnia.	Sault Ste. Marie.	Stratford.	Toronto.	Welland.	Windsor.	Woodstock.
Grand Total	17,473	238	405	263	341	156	273	1656	514	270	1031	209	1920	188	338	312	292	220	227	297	194	7224	144	605	156
I.—General Diseases																									
Group Total	5283	64	99	82	113	39	74	475	151	81	293	51	548	57	105	113	79	74	65	68	54	2342	38	182	36
1. Typhoid fever	64	3	2	3	1	..	..	10	2	..	2	3	10	..	..	1	4	..	3	3	..	12	2	3	..
5. Smallpox	19	..	1	..	1	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	1	12	..	7	..
6. Measles	162	1	3	2	9	..	..	11	5	..	2	2	28	..	1	4	..	..	1	1	3	80	..	..	..
7. Scarlet fever	99	..	..	..	8	..	..	12	5	..	1	..	14	..	..	6	..	1	..	1	..	47	1	3	..
8. Whooping cough	167	3	2	6	5	1	..	13	5	3	8	2	35	1	3	..	..	9	..	6	3	59	1	2	..
9. Diphtheria and croup	414	8	8	3	1	5	1	46	23	2	19	4	53	2	3	2	7	7	2	..	1	224	3	5	5
10. Influenza	1409	10	29	14	46	7	30	133	4	24	75	20	112	14	19	56	16	14	19	17	9	648	10	77	6
13. Infinenza	5	..	..	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
14. Dysentery	68	..	..	..	..	..	..	4	2	2	3	1	5	1	..	2	..	..	..	4	1	39	..	1	1
18. Erysipelas	5	..	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..
19. Other epidemic diseases		..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20. Purulent infection and septicæmia	100	1	1	3	4	1	..	17	3	1	10	5	5	..	5	..	1	2	3	1	1	31	1	4	..
22. Anthrax	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
24. Tetanus	5	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	1	..	..	..
25. Mycoses	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
26. Pellagra	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total deaths from tuberculosis	871	14	21	13	12	7	11	61	49	15	59	5	111	14	20	20	21	8	10	21	12	324	11	27	5
28. Tuberculosis of the lungs	686	12	15	13	8	5	10	49	45	11	49	4	85	10	19	17	15	8	9	18	11	237	9	24	3
29. Acute miliary tuberculosis	33	1	..	..	1	..	..	2	..	..	1	..	3	..	..	..	..	..	1	..	..	23	..	1	..
30. Tuberculous meningitis	66	..	5	..	1	1	1	4	3	1	2	1	10	1	..	2	3	..	..	2	..	26	2	1	..
31. Abdominal tuberculosis	49	1	..	..	2	1	..	3	1	2	6	..	7	2	1	1	3	..	..	1	1	16	..	1	..
32. Pott's disease	8	..	..	..	..	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	4	..	..	1
33. White swelling	8	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..
34. Tuberculosis of other organs	12	..	1	..	..	..	..	..	..	1	1	..	4	1	..	..	..	..	..	..	..	3	..	..	1
35. Disseminated tuberculosis	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..	..	..
36. Rickets	18	2	..	..	..	..	2	..	1	..	2	..	2	1	..	1	..	..	..	..	..	6	..	1	..
37. Syphilis	80	..	..	1	..	..	1	2	1	..	1	1	23	..	2	..	3	..	1	..	..	43	..	1	..
38. Gonococcus infection	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	3	..	1	..
39. Cancer and other malignant tumors of the buccal cavity	46	1	..	..	1	1	1	2	1	2	6	..	7	1	..	..	..	3	..	..	..	18	..	2	..
40. Cancer and other malignant tumors of the stomach, liver	382	3	7	6	2	1	7	41	13	4	21	..	35	4	13	3	4	8	1	2	2	169	1	9	6
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	205	4	1	8	4	..	5	24	6	2	11	1	15	1	9	..	2	4	5	2	3	92	1	5	..
42. Cancer and other malignant tumors of the female genital organs	132	1	4	2	..	5	2	17	4	3	5	..	10	..	2	1	3	1	2	1	1	60	..	6	2
43. Cancer and other malignant tumors of the breast	92	2	2	1	2	..	2	5	1	2	4	1	4	4	3	1	2	..	2	..	2	48	..	1	3
44. Cancer and other malignant tumors of the skin	16	..	..	1	..	1	1	..	..	..	1	..	2	..	..	1	..	..	..	..	..	8	..	..	1
45. Cancer and other malignant tumors of other organs or of organs not specified	331	1	3	6	4	2	5	32	7	10	25	2	27	5	8	4	3	5	3	3	5	162	..	8	1
46. Other tumors (tumors of the female genital organs excepted)	16	..	..	..	..	..	..	..	1	..	2	..	1	..	1	..	1	..	..	1	2	7	..	..	..
47. Acute articular rheumatism	56	1	1	5	3	1	..	2	1	1	..	1	..	1	2	3	2	..	3	1	1	24	..	2	1
48. Chronic rheumatism and gout	60	3	3	1	2	..	..	2	1	..	2	..	9	2	1	..	..	2	3	2	1	25	..	1	..
49. Scurvy	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..
50. Diabetes	135	1	1	3	3	3	2	8	7	4	10	..	13	1	5	1	3	3	3	..	2	54	2	6	..
51. Exophthalmic goitre	44	1	2	1	1	..	..	9	..	1	2	1	1	2	..	..	1	1	3	..	..	17	..	..	1
52. Addison's disease	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..
53. Leuchaemia	27	..	1	..	..	1	1	..	..	..	1	..	1	..	2	3	..	1	..	..	1	17	..	..	..
54. Anaemia, chlorosis	176	1	4	..	1	2	2	18	6	2	19	1	17	2	5	3	..	4	..	1	1	75	3	5	4
55. Other general diseases	14	2	..	..	..	..	..	2	1	..	..	..	2	..	1	..	2	..	1	..	1	14	..	..	..
56. Alcoholism (acute or chronic)	39	..	1	2	1	..	..	2	2	1	1	1	3	1	..	1	3	..	..	..	1	15	..	4	..
59. Other chronic poisonings	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..

TABLE No. 11.—Continued.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death).	Total.	Belleville.	Brantford.	Chatham.	Fort William.	Galt.	Guelph.	Hamilton.	Kingston.	Kitchener.	London.	Niagara Falls.	Ottawa.	Owen Sound.	Peterboro.	Port Arthur.	St. Catharines.	St. Thomas.	Sarnia.	Sault Ste. Marie.	Stratford.	Toronto.	Welland	Windsor.	Woodstock.
II.—Diseases of the Nervous System and of the Organs of Special Sense.																									
Group Total	1369	25	35	28	16	7	35	107	37	24	141	15	125	4	27	21	28	26	20	24	25	532	11	37	19
60. Encephalitis	60	..	1	1	1	1	..	2	1	..	2	..	7	..	4	..	..	..	..	1	3	29	..	3	4
61. Meningitis	108	1	4	1	4	..	3	10	7	2	5	3	12	..	2	4	1	4	2	..	3	37	..	2	1
62. Locomotor ataxia	19	..	1	4	..	..	..	2	2	..	..	..	..	..	1	..	..	..	..	..	1	8	..	..	..
63. Other diseases of the spinal cord	68	1	1	1	..	1	1	9	1	1	7	..	3	1	..	1	1	1	..	1	1	33	2	1	..
64. Cerebral haemorrhage, apoplexy	540	11	19	12	6	3	15	49	16	10	48	7	48	1	11	9	13	13	11	9	8	203	2	12	4
65. Softening of the brain	9	..	..	..	..	..	1	..	..	..	2	1	..	..	..	..	..	..	..	..	..	5	..	..	..
66. Paralysis without specified cause	151	3	..	5	1	1	1	12	4	2	13	..	27	..	4	3	3	7	2	3	3	42	2	7	6
67. General paralysis of the insane	17	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	1	..	..	11	..	..	..
68. Other forms of mental alienation	74	1	1	1	..	..	10	2	..	..	30	..	..	..	..	..	..	..	1	1	..	27	..	..	..
69. Epilepsy	50	2	..	1	1	..	..	1	1	1	13	..	7	1	1	..	2	..	..	..	1	16	..	1	1
70. Convulsions (non-puerperal)	7	..	2	..	..	..	..	..	..	..	1	..	2	..	1	..	..	..	..	..	..	1	..	..	..
71. Convulsions of infants	121	4	4	..	2	..	3	6	2	4	9	2	13	..	2	3	7	1	1	8	2	37	3	7	1
72. Chorea	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..
73. Neuralgia and neuritis	4	1	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
74. Other diseases of the nervous system	79	1	2	1	..	1	1	10	2	2	5	..	4	1	..	1	1	..	1	..	2	40	2	..	2
75. Diseases of the eyes and their annexa	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..
76. Diseases of the ears	57	..	..	..	1	..	..	4	1	1	2	1	1	..	1	..	..	..	1	1	1	39	..	3	..
III.—Diseases of the Circulatory System.																									
Group Total	2306	32	68	36	26	27	48	232	102	32	150	20	225	34	44	19	28	16	15	13	15	1014	18	59	33
77. Pericarditis	10	..	..	..	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	1	..	4	..	1	1
78. Acute endocarditis	86	1	5	3	..	2	..	8	5	1	..	..	8	4	4	..	1	..	1	1	..	34	1	4	3
79. Organic diseases of the heart	1249	24	34	19	15	18	18	136	58	18	80	9	137	18	20	8	23	12	7	8	13	519	7	32	16
80. Angina pectoris	107	..	1	1	..	..	..	8	..	1	4	2	4	..	2	1	1	..	1	..	..	79	..	2	..
81. Diseases of the arteries, atheroma, aneurysm, etc	762	4	25	12	5	6	29	71	36	11	60	7	67	9	17	6	3	4	6	2	..	345	9	16	12
82. Embolism and thrombosis	47	2	1	..	3	..	1	5	2	..	4	2	3	2	1	2	..	..	..	..	1	15	..	2	1
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc)	11	..	..	..	..	..	..	..	1	..	..	..	1	..	2	1	..	..	..	..	1	4	..	1	..
84. Diseases of the lymphatic system (lymphangitis, etc.)	20	..	..	..	2	..	..	2	..	1	..	1	..	..	..	1	..	..	..	..	..	11	1	1	..
85. Haemorrhage; other diseases of the circulatory system	14	1	2	1	1	..	..	1	1	..	1	..	1	..	..	1	..	..	..	1	..	3	..	..	..
IV.—Diseases of the Respiratory System.																									
Group Total	2256	28	47	24	29	19	49	250	68	31	118	31	231	23	34	37	37	20	34	52	18	968	7	83	18
86. Diseases of the nasal fossae	5	..	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	2	..	..	..
87. Diseases of the larynx	13	1	..	..	..	1	1	3	1	1	..	..	..	..	..	1	..	..	..	..	..	4	..	..	..
88. Diseases of the thyroid body	13	..	..	..	..	..	..	2	..	..	..	..	2	..	..	..	..	1	1	..	..	..	..	..	..
89. Acute bronchitis	124	7	4	1	2	1	1	7	..	5	9	2	8	2	1	1	..	..	..	3	1	6	..	1	..
90. Chronic bronchitis	85	2	4	4	..	5	2	11	2	1	3	..	10	1	1	..	4	2	2	1	3	61	..	7	1
91. Bronchopneumonia	585	5	6	4	6	1	8	62	18	4	12	2	66	5	5	1	12	7	7	11	..	323	3	14	3
92. Pneumonia	1251	10	27	11	20	11	29	135	46	14	85	25	122	10	24	31	18	9	21	34	12	493	4	48	12
93. Pleurisy	46	..	1	..	..	..	..	7	..	3	1	..	6	1	1	..	..	1	2	2	1	18	..	2	..
94. Pulmonary congestion, pulmonary apoplexy	37	..	1	..	1	..	6	8	..	..	2	1	6	..	..	..	1	..	..	..	..	9	..	2	..
95. Gangrene of the lung	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..

TABLE No. 11.—Continued.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death).	Total.	Belleville.	Brantford.	Chatham.	Fort William.	Galt.	Guelph.	Hamilton.	Kingston.	Kitchener.	London.	Niagara Falls.	Ottawa.	Owen Sound.	Peterboro.	Port Arthur.	St. Catharines.	St. Thomas.	Sarnia.	Sault Ste. Marie.	Stratford.	Toronto.	Welland.	Windsor.	Woodstock.
II.—Diseases of the Respiratory System—Con.																									
96. Asthma	64	3	3	3	..	..	1	7	1	1	3	..	6	3	1	1	2	..	1	1	1	20	..	6	..
97. Pulmonary emphysema	7	..	..	..	..	..	..	2	..	..	1	..	..	..	1	..	..	..	..	..	..	2	..	..	1
98. Other diseases of the respiratory system (tuberculosisexcepted)	25	..	1	1	..	..	..	5	..	2	2	1	4	1	..	2	..	..	..	..	..	6	..	..	..
V.—Diseases of the Digestive System.																									
Group Total	1599	18	29	30	64	16	15	155	32	17	50	15	269	23	34	31	30	10	10	30	17	622	20	49	13
99. Diseases of the mouth and annexa	14	..	..	..	2	..	..	1	1	1	..	..	..	..	..	1	..	..	..	..	..	7	..	1	..
100. Diseases of the pharynx	33	..	1	1	..	..	..	1	..	2	2	..	..	..	..	..	2	1	..	..	..	22	..	1	..
101. Diseases of the oesophagus	4	..	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..
102. Ulcer of the stomach	56	..	3	1	..	2	2	3	2	..	1	..	13	2	1	1	1	..	1	1	2	18	1	..	1
103. Other diseases of the stomach (cancer excepted)	90	2	..	4	1	3	2	5	..	1	3	1	15	..	..	1	1	1	..	1	3	45	..	1	..
104. Diarrhoea and enteritis (under 2 years)	707	7	10	8	47	8	3	82	10	3	13	6	137	10	12	17	10	2	5	16	5	259	11	22	4
105. Diarrhoea and enteritis (2 years and over)	100	..	1	3	5	1	..	12	1	..	2	3	13	3	1	2	2	..	1	..	2	44	..	4	..
107. Intestinal parasites	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..
108. Appendicitis and typhlitis	206	2	2	10	4	1	1	14	9	4	8	..	32	4	6	5	5	..	..	6	..	82	1	10	..
109. Hernia, intestinal obstructions	149	5	5	1	2	1	2	11	3	1	7	1	24	2	8	..	3	2	2	2	3	3 5	3	4	4
110. Diseases of the intestines	41	1	..	2	1	..	2	4	2	1	3	..	6	..	2	2	..	1	..	..	..	13	1	..	..
111. Acute yellow atrophy of the liver	4	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	..	1	..
112. Hydatid tumor of the liver	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
113. Cirrhosis of the liver	42	..	..	..	..	..	..	1	..	1	2	1	9	..	1	1	1	..	..	..	..	18	1	2	4
114. Biliary calculi	47	..	2	..	..	..	1	4	1	1	1	..	12	1	1	..	..	..	..	2	1	18	..	2	..
115. Other diseases of the liver	44	..	5	..	1	..	1	6	..	..	2	1	1	..	2	..	4	..	1	..	1	18	1	..	..
116. Diseases of the spleen	7	1	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	..	1	..	..	2	..	..
117. Simple peritonitis(non-puerperal)	45	..	..	..	1	..	..	8	3	2	5	1	4	..	..	1	1	2	..	1	..	15	..	1	..
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	7	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	4	1	..	..
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																									
Group Total	730	8	10	9	11	9	8	72	21	8	58	8	81	5	10	8	12	12	17	13	9	295	6	35	5
119. Acute nephritis	79	..	1	..	..	1	1	13	3	..	3	3	11	..	1	1	..	2	4	4	1	26	..	4	..
120. Bright's disease	419	3	6	6	9	7	6	43	6	6	37	3	44	4	6	6	8	9	11	8	5	158	4	22	2
122. Other diseases of the kidneys and annexa	32	1	..	..	..	..	..	2	1	..	7	..	3	..	1	..	..	1	..	..	..	16	..	1	1
123. Calculi of the urinary passages	14	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	11	1	..	..
124. Diseases of the bladder	45	1	..	1	..	..	1	3	4	1	6	1	8	..	1	..	3	..	1	..	1	10	..	1	2
125. Diseases of the urethra, urinary abscess, etc	4	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	2	..	..	..
126. Diseases of the prostate	70	3	2	1	..	1	..	4	4	1	5	..	8	..	..	..	1	..	1	..	1	36	..	2	..
127. Non-venereal diseases of the male genital organs	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
128. Uterine haemorrhage (non-peurperal)	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
129. Uterine tumor (non-cancerous)	12	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	11	..	..	..
130. Other diseases of the uterus	17	..	1	1	1	..	..	1	..	..	..	..	2	..	..	..	..	..	..	..	..	8	1	2	..

TABLE No. 11.—Continued.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death).	Total.	Belleville.	Brantford.	Chatham.	Fort William.	Galt.	Guelph.	Hamilton.	Kingston.	Kitchener.	London.	Niagara Falls.	Ottawa.	Owen Sound.	Peterboro.	Port Arthur.	St. Catharines.	St. Thomas.	Sarnia.	Sault Ste. Marie.	Stratford.	Toronto.	Welland.	Windsor.	Woodstock.
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.—Continued.																									
131. Cysts and other tumors of the ovary	16	..	...	...	...	...	..	1	2	...	1	...	2	1	...	...	...	...	...	...	1	5	...	3	..
132. Salpingitis and other diseases of the female genital organs	19	..	...	...	1	...	..	4	...	...	...	1	3	...	...	1	...	...	...	...	...	9	...	...	..
133. Non-puerperal diseases of the breast (cancer excepted)	1	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..
VII.—The Puerperal State.																									
Group Total	247	1	7	4	6	1	..	20	6	5	5	4	27	3	7	9	3	2	7	10	2	104	1	11	2
134. Accidents of pregnancy	36	..	...	2	...	...	..	2	1	2	...	1	2	...	2	1	..	..	...	...	...	21	...	2	..
135. Puerperal haemorrhage	21	..	2	..	1	...	..	3	...	...	...	...	2	...	...	...	...	...	...	1	...	11	...	1	..
136. Other accidents of labor	23	..	1	...	...	1	..	2	...	...	...	1	1	1	1	1	2	...	...	1	1	7	...	1	2
137. Puerperal septicaemia	97	..	1	1	4	...	..	9	2	2	2	...	11	2	2	4	...	1	6	5	1	42	...	2	..
138. Puerperal albuminuria and convulsions	48	1	3	1	1	...	..	4	2	...	2	2	8	...	1	1	...	1	1	1	...	14	1	4	..
139. Puerperal phlegmasia alba dolens embouls, sudden death	16	..	...	...	...	...	..	...	...	...	...	...	3	...	...	1	1	...	...	1	...	9	...	1	..
140. Following childbirth (not otherwise defined)	6	..	...	...	...	...	..	...	1	1	1	...	...	...	1	1	...	...	...	1	...	...	..	..	..
141. Puerperal diseases of the breast	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
VII.—Diseases of the Skin and of the Cellular Tissue.																									
Group Total	90	2	...	2	2	...	..	8	...	1	8	...	13	...	3	1	2	1	4	3	2	32	...	5	1
142 Gangrene	35	2	...	1	1	...	..	5	...	...	4	...	7	...	1	1	...	...	2	1	1	9	...	...	..
143. Furuncle	9	..	...	...	...	...	..	2	...	...	2	...	...	...	...	...	...	...	1	...	1	2	...	1	..
144. Acute abscess	32	..	...	1	...	...	..	...	1	1	2	...	5	...	2	...	2	1	1	1	...	11	...	4	..
145. Other diseases of the skin and annexa	14	..	...	..	1	...	..	..	...	...	...	...	1	...	...	...	...	...	...	1	...	10	...	...	1
IX.—Diseases of the Bones and of the Organs of Locomotion.																									
Group Total	35	1	1	1	...	...	..	5	...	...	4	...	5	...	1	...	...	...	...	...	...	17	...	...	..
146. Diseases of the bones (tuberculosis excepted)	23	1	...	...	...	...	..	3	...	...	2	...	4	...	1	...	...	...	...	...	...	12	...	...	..
147. Diseases of the joints (tuberculosis and rheumatism excepted)	12	..	1	1	...	...	..	2	...	..	2	...	1	...	...	...	...	...	...	...	...	5	...	...	..
X.—Congenital Malformations.																									
150. Congenital malformations (stillbirths not included)	248	7	5	8	8	2	5	19	11	2	10	5	20	3	3	3	7	2	4	6	3	102	4	6	3
XI.—Diseases of Early Infancy.																									
Group Total	1581	18	44	15	40	12	13	161	45	28	87	24	221	20	20	35	33	20	17	33	17	584	20	65	9
151. Congenital debility, icterus, and sclerema	1397	15	38	15	38	12	12	145	43	23	81	24	203	16	16	29	30	19	16	29	15	493	19	57	9
152. Other diseases peculiar to early infancy	178	3	6	...	2	..	1	16	1	5	6	...	16	4	4	6	3	1	1	4	2	88	1	8	..
153. Lack of care	6	..	...	...	...	...	..	...	1	...	...	...	2	...	...	...	...	...	...	...	...	3	...	...	..

TABLE No. 11.—Concluded.

OFFICIAL ENGLISH TRANSLATION (Diseases and Causes of Death.)	Total.	Belleville.	Brantford.	Chatham.	Fort William.	Galt.	Guelph.	Hamilton.	Kingston.	Kitchener.	London.	Niagara Falls.	Ottawa.	Owen Sound.	Peterboro.	Port Arthur.	St. Catharines.	St. Thomas.	Saania.	Sault Ste. Marie.	Stratford.	Toronto.	Welland.	Windsor.	Woodstock.
154. XII.—Old Age.																									
Group Total	728	23	31	9	2	16	12	58	22	23	71	11	62	13	34	4	14	19	14	13	22	214	3	26	12
XIII.—Affections Produced by External Causes.																									
Group Total	842	10	21	9	24	7	11	82	14	15	27	23	75	3	14	23	14	11	14	27	9	357	15	32	5
155. Suicide by poison	11	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	8	1	..	..
156. Suicide by asphyxia	8	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	..	..
157. Suicide by hanging or strangulation	11	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	6	..	..	1
158. Suicide by drowning	4	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	2	..	..	..
159. Suicide by firearms	6	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	4	..	..	..
160. Suicide by cutting or piercing instruments	16	..	..	..	..	..	..	3	..	..	1	..	1	..	..	2	..	..	..	..	..	8	..	..	1
161. Suicide by jumping from high places	5	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	4	..	..	..
163. Other suicides	4	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..
164. Poisoning by food	5	..	..	..	..	..	..	1	..	..	1	1	3	2	..	1	..	1	..	..	..	2	..	..	..
165. Other acute poisonings	36	1	..	..	2	1	..	6	1	..	1	1	3	..	2	..	1	..	1	1	1	12	1	1	..
167. Burns (conflagration excepted)	96	2	3	2	5	2	1	12	2	4	3	..	12	..	2	1	..	..	1	2	..	37	1	4	..
168. Absorption of deleterious gases (conflagration excepted)	47	..	..	..	1	..	..	2	1	3	..	1	6	..	1	..	..	..	..	..	..	32	..	..	..
169. Accidental drowning	67	..	3	3	6	..	3	6	2	..	1	2	5	..	3	3	..	..	1	5	3	19	2	..	..
170. Traumatism by firearms	36	..	..	..	..	..	1	5	1	..	..	4	6	..	1	2	2	..	..	2	..	9	..	3	..
171. Traumatism by cutting or piercing instruments	3	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	1	..	..	..
172. Traumatism by fall	77	1	..	1	1	..	..	2	1	..	2	2	4	..	1	2	1	1	2	..	..	52	2	1	1
173. Traumatism in mines and quarries	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
174. Traumatism by machines	12	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	10	..	..	..
175. Traumatism by other crushing	192	3	1	1	4	1	2	13	1	3	4	5	13	..	..	4	2	4	1	4	..	110	4	12	..
(a) Railroad	50	3	..	..	2	1	2	5	1	..	3	1	3	..	..	2	..	1	..	3	..	18	2	3	..
(b) Street car	20	..	..	..	..	..	..	1	..	..	..	..	3	..	..	1	..	..	..	..	..	14	..	1	..
(c) Automobile	102	..	..	1	1	..	..	5	..	2	1	2	6	..	..	1	1	2	1	..	..	69	2	8	..
(d) Other crushing	20	..	1	..	1	..	..	2	..	1	..	2	1	..	..	..	1	1	..	..	1	9	..	..	..
176. Injuries by animals	4	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	2	..	..	..
178. Excessive cold	4	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	..	1	..	..	..	..
179. Effects of heat	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
181. Electricity (lightning excepted)	13	..	..	1	..	..	..	..	1	..	..	1	..	..	..	2	3	..	..	..	..	3	..	2	..
182. Homicide by firearms	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
183. Homicide by cutting or piercing instruments	3	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	..	..	..
184. Homicide by other means	10	..	..	..	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	1	..	6	..	..	..
185. Fractures (cause not specified)	100	..	7	1	1	2	1	16	4	4	8	2	15	1	3	3	1	1	6	5	1	8	2	6	2
186. Other external violence	69	3	6	..	1	1	2	9	..	1	2	2	7	..	1	3	3	2	2	5	2	13	2	2	..
XIV.—Ill-defined Diseases.																									
Group Total	159	1	8	6	..	1	3	12	5	3	9	2	18	..	2	8	5	7	6	5	1	41	1	15	..
187. Ill-defined organic disease	8	..	..	1	..	1	..	..	2	..	..	1	1	..	..	..	..	..	..	..	..	2	..	..	..
188. Sudden death	14	..	..	..	..	..	..	..	..	..	1	..	4	..	..	..	..	..	..	1	..	6	..	2	..
189. Cause of death not specified or ill-defined	137	1	8	5	..	..	3	12	3	3	8	1	13	..	2	8	5	7	6	4	1	33	1	13	..
Still Births.																									
Not included in Totals	1491	11	37	16	36	14	15	140	30	25	61	13	152	13	30	24	37	18	23	30	23	675	12	47	9

TABLE No. 12.

Table Showing Total Deaths by Individual Diseases in each Town of 5,000 population, 1920.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death).	Total.	Barrie.	Brockville.	Cobalt.	Collingwood.	Cornwall.	Dundas.	Hawkesbury.	Ingersoll.	Kenora.	Lindsay.	Midland.	North Bay.	Orillia.	Oshawa.	Parry Sound.	Pembroke.	Preston.	Renfrew.	Smith's Falls.	Sudbury.	Timmins.	Trenton.	Walkerville.	Waterloo.
Grand Total	**3049**	**128**	**194**	**119**	**102**	**197**	**78**	**118**	**95**	**79**	**137**	**99**	**203**	**113**	**188**	**77**	**189**	**79**	**94**	**136**	**311**	**90**	**84**	**68**	**71**
I.—General Diseases.																									
Group Total	853	28	55	48	20	47	12	28	24	16	40	25	60	29	51	26	64	15	24	30	102	32	18	35	24
1. Typhoid fever	42	2	2	..	..	11	..	4	1	..	2	..	3	..	1	..	2	..	..	1	9	3	..	1	..
6. Measles	24	..	..	2	..	1	..	..	..	..	2	2	6	..	..	..	1	..	..	1	5	2	..	2	..
7. Scarlet fever	11	2	2	..	..	2	..	..	..	1	..	..	1	..	1	..	..	..	..	..	1	..	..	1	..
8. Whooping cough	43	1	2	6	2	..	1	1	..	1	..	3	6	..	..	3	2	1	5	1	2	2	2	1	1
9. Diphtheria and croup	56	3	1	4	..	3	1	6	1	..	1	..	5	1	10	..	4	..	..	2	6	2	1	1	4
10. Influenza	255	7	16	26	1	..	1	5	5	7	8	1	22	8	16	8	20	6	6	8	35	16	8	16	9
13. Cholera nostras	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
14. Dysentery	4	1	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	14	1	..	..	..	..	1	..	..	2	1	1	..	..	2	..	..	..	1	..	2	..	1	1	1
20. Purulent infections and septicaemia	25	3	..	1	1	1	..	..	2	..	2	2	2	..	1	1	..	1	1	1	5	..	..	1	..
Total deaths from tuberculosis	143	4	7	6	11	13	3	10	6	2	3	5	9	5	6	6	9	3	2	8	19	1	3	2	..
28. Tuberculosis of the lungs	118	3	6	3	11	9	2	9	3	2	3	4	8	4	6	5	9	2	2	6	15	1	3	2	..
29. Acute miliary tuberculosis	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
30. Tuberculous meningitis	10	..	..	2	..	3	1	..	2	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
31. Abdominal tuberculosis	5	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	1	..	..	..	..
32. Pott's disease	5	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..
34. Tuberculosis of other organs	3	..	..	1	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
36. Rickets	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
37. Syphilis	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	4	..	..	..	..	..	..	..	..	1	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	45	1	4	2	..	4	3	1	2	..	6	2	..	2	2	1	4	2	2	1	3	..	..	2	1
41. Cancer and other malignant tumors of the peritonæum, intestines, rectum	21	..	4	..	..	3	..	1	..	..	1	..	..	1	..	..	..	1	2	4	1	..	..	1	2
42 Cancer and other malignant tumors of the female genital organs	17	..	1	..	..	1	..	..	..	1	1	1	1	3	..	..	4	1	1	1	1	..	..	..	..
43. Cancer and other malignant tumors of the breast	11	..	2	..	1	..	..	..	3	..	1	1	..	1	1	1	..	..	..	..	..	..	..	..	..
44. Cancer and other malignant tumors of the skin	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	42	1	6	..	4	4	..	..	4	1	2	1	1	3	3	2	4	..	2	3	..	..	..	1	..
46. Other tumors (tumors of the female genital organs excepted)	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	12	1	1	..	..	1	1	..	..	..	..	..	..	..	2	..	1	..	..	..	..	1	1	1	2
48. Chronic rheumatism and gout	7	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	2	..	..	..	..	..	..	1	..
50. Diabetes	16	1	1	1	..	1	..	..	..	..	..	1	1	..	1	..	3	..	1	..	1	1	..	1	2
51 Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
52. Addison's disease	4	..	..	..	..	..	..	..	..	..	2	..	1	1	..	..	..	..	..	..	..	..	..	..	..
54. Anæmia, chlorosis	28	1	4	..	..	2	..	..	..	..	1	2	1	1	1	2	3	..	1	2	1	1	1	2	2
55. Other general diseases	6	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	1	..	..	..	..	..	..	..	..
56. Alcoholism (acute or chronic)	12	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	8	3	..	..	..
59. Other chronic poisonings	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense																									
Group total	230	9	16	5	9	16	10	11	10	2	16	8	8	9	13	6	16	10	6	12	13	2	10	2	11
60. Encephalitis	6	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	3	..	..	..	1	..	..	..	..
61. Meningitis	26	..	1	1	1	1	..	2	1	1	2	1	3	1	1	2	2	1	1	1	..	2	..	1	..
62. Locomotor ataxia	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..
63. Other diseases of the spinal cord	5	..	..	..	1	..	..	1	..	..	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..
64. Cerebral hæmorrhage, apoplexy	95	2	9	2	5	13	5	..	5	..	5	2	1	5	4	1	3	5	3	5	5	1	4	2	8
65. Softening of the brain	6	1	..	..	..	..	2	..	..	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..
66. Paralysis without specified cause	29	2	1	..	1	..	3	3	1	..	5	1	2	2	3	..	1	..	..	2	..	..	1	..	1
68. Other forms of mental alienation	6	1	1	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..

TABLE No. 12.—Continued

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death).	Total	Barrie.	Brockville.	Cobalt.	Collingwood	Cornwall.	Dundas.	Hawkesbury.	Ingersoll.	Kenora.	Lindsay.	Midland.	North Bay.	Orillia.	Oshawa.	Parry Sound.	Pembroke.	Preston.	Renfrew.	Smith's Falls.	Sudbury.	Timmins.	Trenton.	Walkerville.	Waterloo.
II.—Diseases of the Nervous System and of the Organs of Special Sense.—Continued.																									
69. Epilepsy	5		1			1				1			1												1
71. Convulsions of infants	38	3	2			1		3	3			2		1	2		4	3	2	2	5	1	3		1
72. Chorea	1										1														
73. Neuralgia and neuritis	1			1																					
74. Other diseases of the nervous system	8		1		1			1			1	2			1					1					
76. Diseases of the ears	2														1	1									
III.—Diseases of the Circulatory System																									
Group total	366	15	39	9	18	27	19	5	9	12	16	13	15	22	19	10	20	7	18	25	11	5	18	7	7
77. Pericarditis	1								1																
78. Acute endocarditis	14		1	1		1	1							1	3		3		1				2		
79. Organic diseases of the heart	233	11	27	5	15	15	13	5	5	7	11	5	15	10	11	5	12	4	11	16	10	3	9	4	4
80. Agina pectoris	5	2					1							1									1		
81. Diseases of the arteries, atheroma, aneurysm, etc	98	2	9	3	3	10	4		3	5	3		7	8	3	5	5	2	5	9	1		5	3	3
82. Embolism and thrombosis	8	2									1		1	1				1				2			
85. Hæmorrhage; other diseases of the circulatory system	7					1					1			1	2				1				1		
IV.—Diseases of the Respiratory System																									
Group total	353	13	13	17	10	16	13	15	13	9	15	15	24	5	21	9	15	15	8	21	37	16	11	10	12
87. Diseases of the larynx	1	1																							
88. Diseases of the thyroid body	3						1										1								1
89. Acute bronchitis	26	1	1	1		2	2		1		1				1	2	4		1		5	1	2		1
90. Chronic bronchitis	17	1	1	1	1		1			3	1	1	1	1	2		1				1		2		
91. Bronchopneumonia	70	3	2	8	2	3	2	1	6	1	3		6		4	1	3	6	1	2	6	5	2	2	1
92. Pneumonia	208	5	7	7	6	13	8	10	7	7	8	12	16	3	8	4	5	8	6	17	22	8	5	7	9
93. Pleurisy	13	1											1		4	1	2			2	1			1	
94. Pulmonary, congestion, pulmonary apoplexy	7	2		1			1								2	1									
96. Asthma	4	1																			1	2			
98. Other diseases of the respiratory system (tuberculosis excepted)	4										1	1		1							1				
V.—Diseases of the Digestive System.																									
Group total	305	14	16	12	12	17	2	24	7	10	13	12	25	9	17	3	20	7	12	10	40	15	4	3	1
99. Diseases of the mouth and annexa	3														1				1	1					
100. Diseases of the pharynx	7	1		1	1						1		1		1			1							
101. Diseases of the oesophagus																									
102. Ulcer of the stomach	3	1												1	1										
103. Other diseases of the stomach (cancer excepted)	8		1			1		1	1											1	2	1			
104. Diarrhœa and enteritis (under 2 years)	156	3	7	10	6	8	1	19	1	8	1		717	3	8		12	4	6	1	22	11	1		
105. Diarrhœa and enteritis (2 years and over)	20	2	3		1	2		1						2				1		1	4	1		2	
107. Intestinal parasites																									
108. Appendicitis and typhlitis	42	3	2		1	4		1	1		4	1	3	2	1	1	4		4	5	4				1
109. Hernia, intestinal obstructions	21	2			1			1	2		3	2	1		1		2	1		1	1	2		1	
110. Diseases of the intestines	12		1		1	1		1		1		1		1		1					2		2		
111. Acute yellow atrophy of the liver																									
112. Hydatid tumor of the liver																									
113. Cirrhosis of the liver	9		2						1			1	1				1				2		1		
114. Biliary calculi	5										2				1	1					1				
115. Other diseases of the liver	3									1					2										
116. Diseases of the spleen	1										1														
117. Simple peritonitis (nonpuerperal)	14	2		1	1	1	1		1				2		1		1		1		2				
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	1										1														

TABLE No. 12—Continued.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death).	Total.	Barrie.	Brockville.	Cobalt.	Collingwood.	Cornwall.	Dundas.	Hawkesbury.	Ingersoll.	Kenora.	Lindsay.	Midland.	North Bay.	Orillia.	Oshawa.	Parry Sound.	Pembroke.	Preston.	Renfrew.	Smith's Falls.	Sudbury.	Timmins.	Trenton.	Walkerville.	Waterloo.
VI.—Nonvenereal Diseases of the Genito-Urinary System and Annexa																									
Group total	131	7	12	1	2	8	2	2	12	1	6	1	12	4	5	1	9	4	8	6	18	2	4	1	3
119. Acute nephritis	11	..	..	..	..	..	..	..	1	..	..	..	2	1	..	1	1	..	2	..	3	..	..	..	..
120. Bright's disease	80	6	10	1	2	4	2	2	9	1	2	1	7	2	1	..	5	3	5	2	9	2	1	1	2
121. Chyluria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
122. Other diseases of the kidneys and annexa	3	..	..	..	..	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
123. Calculi of the urinary passages	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
124. Diseases of the bladder	13	..	..	..	..	2	..	..	1	..	2	..	..	..	1	..	1	1	1	..	3	..	1	..	..
125. Diseases of the urethra, urinary abscess, etc	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
126. Diseases of the prostate	12	..	2	..	..	..	..	..	1	..	2	..	1	..	..	..	1	..	..	2	..	..	2	..	1
127. Nonvenereal diseases of the male genital organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
128. Uterine hæmorrhage (non-puerperal)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
129. Uterine Tumor (non-cancerous	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
130. Other diseases of the uterus	5	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	2	..	..	..	..
131. Cysts and other tumors of the ovary	4	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	1	..	..	..	..
132. Salpingitis and other diseases of the female genital organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
133. Nonpuerperal diseases of the breast (cancer excepted)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VII.—The Puerperal State																									
Group total	53	3	5	..	3	4	3	3	1	1	1	..	3	3	4	4	2	2	7	..	4	..	..	..	..
134. Accidents of pregnancy	14	1	3	..	..	..	1	..	1	..	..	..	1	..	2	1	..	1	1	..	2	..	..	..	..
135. Puerperal hæmorrhage	4	..	..	..	..	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..
136. Other accidents of labor	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
137. Puerperal septicæmia	13	1	1	..	1	1	2	2	..	..	1	..	1	..	..	..	..	..	..	..	3	..	..	..	..
138. Puerperal albuminuria and convulsions	18	1	..	..	2	3	..	..	..	1	..	..	1	3	1	2	1	..	2	..	1	..	..	..	..
139. Puerperal phlegmasia alba dolens, embolus, sudden death	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140. Following childbirth (not otherwise defined)	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..
141. Puerperal diseases of the breast	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of the Skin and of the Cellular Tissue																									
Group total	22	1	2	..	1	2	..	2	1	1	1	..	1	..	2	2	3	1	..	..	1	..	..	1	..
142. Gangrene	10	..	2	..	..	1	..	1	..	..	1	..	1	..	1	..	2	..	..	..	..	..	..	1	..
143. Furuncle	3	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
144. Acute abscess	9	..	..	..	1	1	..	..	..	..	..	1	..	..	2	1	1	1	..	..	1	..	..	..	..
145. Other diseases of the skin and annexa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IX.—Diseases of the Bones and of the Organs of Locomotion																									
Group total	7	..	..	1	..	1	..	..	..	..	1	..	..	1	1	..	..	..	..	..	2	..	..	..	..
146. Diseases of the bones (tuberculosis excepted)	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
147. Diseases of the joints (tuberculosis and rheumatism excepted)	4	..	..	1	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
148. Amputations	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
149. Other diseases of the organs of locomotion	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
X.—Congenital Malformations																									
Group total	49	..	..	3	2	5	4	1	..	2	2	2	1	4	6	..	6	2	2	..	2	1	1	..	3
150. Congenital malformations (stillbirths not included)	49	..	..	3	2	5	4	1	..	2	2	2	1	4	6	..	5	2	2	..	2	1	1	..	..

TABLE No. 12.—Concluded.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death).	Total.	Barrie.	Brockville.	Cobalt.	Collingwood.	Cornwall.	Dundas.	Hawkesbury.	Ingersoll.	Kenora.	Lindsay.	Midland.	North Bay.	Orillia.	Oshawa.	Parry Sound.	Pembroke.	Preston.	Renfrew.	Smith's Falls.	Sudbury.	Timmins.	Trenton.	Walkerville.	Waterloo.
XI.—Diseases of Early Infancy																									
Group total	307	11	14	16	8	15	6	17	8	12	8	15	29	9	33	6	17	7	8	17	23	9	9	4	6
151. Congenital debility, icterus and sclerema	283	9	12	16	6	14	5	16	7	11	7	15	28	9	30	6	16	7	7	16	20	9	7	4	6
152. Other diseases peculiar to early infancy	24	2	2	...	2	1	1	1	1	1	1	..	1	...	3	..	1	..	1	1	3	..	2	...	...
153. Lack of care	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
154 XII.—Old Age																									
Group total	169	20	11	2	14	25	3	5	5	1	11	4	5	12	10	3	6	5	3	3	12	..	6	1	2
XIII.—Affections Produced by External Causes																									
Group total	179	7	8	5	3	13	4	5	5	8	5	3	19	6	4	6	10	4	1	9	40	8	2	3	1
155. Suicide by poison	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
156. Suicide by asphyxia	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
157. Suicide by hanging or strangulation	2	...	...	...	1	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	1	...	...	...	...
158. Suicide by drowning	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
159. Suicide by firearms	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
160. Suicide by cutting or piercing instruments	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...
161 Suicide by jumping from high places	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
162. Suicide by crushing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
163. Other suicides	3	...	...	...	..	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
164. Poisoning by food	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
165. Other acute poisonings	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...
166. Conflagration	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
167. Burns (conflagration excepted)	15	1	...	1	...	4	..	1	...	...	...	...	...	1	2	...	1	...	...	2	1	...	...	1	..
168. Absorption of deleterious gases (conflagration excepted)	7	...	...	2	...	1	...	...	1	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...
169. Accidental drowning	22	1	...	...	...	2	1	...	...	3	1	...	...	...	...	...	1	2	...	...	7	3	...	1	..
170. Traumatism by firearms	13	2	...	...	1	1	..	1	..	2	...	...	1	...	...	...	...	...	...	...	5	...	...	...	...
171. Traumatism by cutting or piercing instruments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
172. Traumatism by fall	12	1	1	...	...	...	1	...	...	...	1	...	...	...	2	2	..	...	...	...	2	1	...	...	1
173. Traumatism in mines and quarries	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...
174. Traumatism by machines	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
175. Traumatism by other crushing	37	2	2	1	...	1	..	1	..	2	...	...	9	...	...	2	1	...	...	3	10	..	2	1	..
(a) Railroad	23	...	...	1	...	1	...	...	...	2	...	...	9	...	...	1	1	...	...	3	3	..	2	...	...
(b) Street car	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
(c) Automobile	3	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..
(d) Other crushing	10	2	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	6	...	...	...	...
176. Injuries by animals	3	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...
177. Starvation	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
178. Excessive cold	3	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	...	...	...
179 Effects of heat	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
180. Lightning	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
181. Electricity (lightning excepted)	3	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...
184. Homicide by other means	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
185. Fractures (cause not specified	29	...	4	1	1	2	1	2	1	..	2	1	3	1	..	1	...	2	...	2	5	..	...	...	...
186. Other external violence	18	...	1	...	...	...	1	...	3	...	1	1	4	...	1	...	...	...	...	1	2	3	...	...	...
XIV.—Ill-defined Diseases																									
Group total	25	...	3	...	...	1	...	...	...	5	2	..	1	...	2	1	1	...	...	3	3	..	1	1	1
187. Ill-defined organic disease	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
188. Sudden Death	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...
189. Cause of death not specified or ill-defined	22	...	2	...	...	1	...	...	...	5	2	...	1	...	2	1	...	...	...	2	3	..	1	1	1
Still Births Not included in totals	225	4	8	6	6	22	..	4	6	6	12	13	9	11	20	8	17	4	12	11	24	5	3	8	6

TABLE No. 13.

Infant Mortality—Deaths under 5 years of Age, and Causes, 1920.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death.)	Province.						Cities.						Towns.						Rural Municipalities.					
	Total.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Total.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Total.	Under 1 Yr	1 Year.	2 Years	3 Years.	4 Years.	Total.	Under 1 Yr	1 Year.	2 Years.	3 Years.	4 Years.
Grand Total	**10,175**	**7,802**	**1,134**	**535**	**370**	**334**	**4,729**	**3,633**	**528**	**254**	**160**	**154**	**932**	**718**	**108**	**38**	**38**	**30**	**4,514**	**3,451**	**498**	**243**	**172**	**150**
I.—General Diseases																								
Group total	1898	860	412	257	195	174	939	418	208	133	92	88	166	69	43	20	20	14	793	373	161	104	83	72
1. Typhoid fever	5	.	.	1	2	2	1	.	.	.	.	.	1	1	.	.	.	1	3	.	.	1	1	1
5. Smallpox	15	10	3	.	1	1	10	6	2	.	1	1	.	.	.	.	.	.	5	4	1	.	.	.
6. Measles	238	81	99	32	16	10	142	41	67	20	10	4	21	8	8	2	1	2	75	32	24	10	5	4
7. Scarlet fever	72	11	8	17	22	14	41	3	4	12	13	9	7	1	1	2	3	.	24	7	3	3	6	5
8. Whooping cough	352	242	77	22	5	6	160	110	36	11	1	2	39	23	11	4	1	.	153	109	30	7	3	4
9. Diphtheria and croup	341	51	47	74	78	91	213	36	30	47	44	56	28	3	4	7	8	6	100	12	13	20	26	29
10. Influenza	493	248	115	72	36	22	165	91	38	23	8	5	37	16	12	3	4	2	291	141	65	46	24	15
13. Cholera nostras	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.
14. Dysentery	19	8	2	2	4	3	1	.	1	.	.	.	3	2	.	.	.	1	15	6	1	2	4	2
18. Erysipelas	53	51	2	.	.	.	30	28	2	.	.	.	6	6	.	.	.	.	17	17	.	.	.	.
19. Other epidemic diseases	4	3	1	.	.	.	1	1	.	.	.	.	.	.	.	.	.	.	3	2	1	.	.	.
20. Purulent infection and septicæmia	37	.	.	.	.	.	20	13	1	2	2	2	6	3	2	.	.	1	11	8	1	1	1	.
24. Tetanus	2	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	1	.	1
Total deaths from tuberculosis	145	48	37	24	22	14	72	24	18	14	8	8	12	4	3	2	2	1	61	20	16	8	12	5
28. Tuberculosis of the lungs	51	18	11	10	7	5	18	6	4	6	2	2	5	2	1	.	1	1	28	10	6	4	6	2
29. Acute miliary tuberculosis	13	5	4	2	2	.	12	5	4	1	2	.	1	.	.	1	.	.	.	.	.	.	.	.
30. Tuberculous meningitis	64	19	19	7	12	7	32	11	8	3	6	4	6	2	2	1	1	.	26	6	9	3	5	3
31. Abdominal tuberculosis	6	1	.	3	1	1	4	.	.	3	.	1	.	.	.	.	.	.	2	1	.	.	1	.
32. Pott's disease	3	1	.	1	.	1	2	.	.	1	.	1	.	.	.	.	.	.	1	1	.	.	.	.
34. Tuberculosis of other organs	4	2	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	2	1	1	.	.
35. Disseminated tuberculosis	4	2	2	.	.	.	4	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
36. Rickets	25	17	5	1	2	.	14	11	2	.	1	.	2	1	1	.	.	.	9	5	2	1	1	.
37. Syphilis	51	47	4	.	.	.	47	43	4	.	.	.	1	1	.	.	.	.	3	3	.	.	.	.
38. Gonococcus infection	1	1	.	.	.	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	1	.	.	1	.	1	.	.	.	1	.	.	.	.	.	.	.	1	1	.	.	.	.
44. Cancer and other malignant tumors of the skin	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
45. Cancer and other malignant tumors of other organs or of organs not specified	4	1	1	.	2	.	3	.	1	.	2	.	.	.	.	.	.	.	1	1	.	.	.	.
47. Acute articular rheumatism	7	2	1	1	.	3	2	.	1	.	1	.	2	.	1	.	.	1	3	1	.	.	.	2
48. Chronic rheumatism and gout	1	.	.	1	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
49. Scurvy	3	3	.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	.
50. Diabetes	8	1	2	3	1	1	3	.	1	1	.	.	.	.	.	.	.	.	5	1	1	2	.	1
54. Anaemia, chlorosis	7	2	2	1	.	2	2	1	.	1	.	.	.	.	.	.	.	.	5	1	2	.	.	2
55. Other general diseases	11	8	1	1	.	1	7	6	1	.	.	.	1	1	.	.	.	.	3	1	.	1	.	1
56. Alcoholism (acute or chronic)	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	.	.
II.—Diseases of the Nervous System and of the Organs of Special Sense.																								
Group Total	564	386	94	40	18	26	247	170	46	16	6	9	55	47	3	2	1	2	262	169	45	22	11	15
60. Encephalitis	22	12	6	2	1	1	13	7	3	1	1	1	.	.	.	.	.	.	9	5	3	1	.	.
61. Meningitis	141	89	28	16	3	5	63	41	14	4	2	2	9	6	1	2	.	.	69	42	13	10	1	3
63. Other diseases of the spinal cord	22	9	4	3	3	4	5	3	1	.	1	.	2	1	.	.	.	1	15	5	3	2	2	3
64. Cerebral haemorrhage, apoplexy	16	13	1	.	2	.	8	6	1	.	1	.	4	4	.	.	.	.	4	3	.	.	1	.
66. Paralysis without specified cause	4	1	.	.	2	1	2	1	.	.	.	1	.	.	.	.	.	.	2	.	.	.	2	.

TABLE No. 13.—Continued

Infant Mortality—Deaths Under 5 Years of Age, and Causes, 1920.

OFFICIAL ENGLISH TRANSLATION (Diseases and Causes of Death.)	Province.						Cities.						Towns.						Rural Municipalities.					
	Total.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Total.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Total.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Total.	Under 1 Yr.	1 Year.	2. Years.	3 Years.	4. Years
II.—Diseases of the Nervous System and of the Organs of Special Sense.—Con.																								
68. Other forms of mental alienation	1	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1
69. Epilepsy	5	2	2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	2	2	1	.	.
71. Convulsions of infants	297	231	41	14	4	7	121	89	21	8	1	2	38	34	2	.	1	1	138	108	18	6	2	4
73. Neuralgia and neuritis	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.
74. Other diseases of the nervous system	27	11	5	4	2	5	14	7	2	3	.	2	2	2	.	.	.	.	11	2	3	1	2	3
75. Diseases of the eyes and their annexa	3	2	.	.	1	.	2	2	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1	.
76. Diseases of the ears	25	15	7	1	.	2	19	14	4	.	.	1	.	.	.	.	.	.	6	1	3	1	.	1
III.—Diseases of the Circulatory System.																								
Group Total	59	31	9	5	10	4	33	20	4	1	6	2	2	1	1	.	.	.	24	10	4	4	4	2
77. Pericarditis	2	1	1	.	.	.	1	.	1	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.
78. Acute endocarditis	16	6	3	2	3	2	5	3	1	.	1	.	.	.	.	.	.	.	11	3	2	2	2	2
79. Organic diseases of the heart	14	4	2	2	4	2	9	3	.	1	3	2	.	.	.	.	.	.	5	1	2	1	1	.
82. Embolism and thrombosis	1	.	.	.	1	.	1	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
84. Diseases of the lymphatic system (lymphangitis etc.)	20	17	2	.	1	.	16	13	2	.	1	.	.	.	.	.	.	.	4	4	.	.	.	.
85. Haemorrhage;other diseases of the circulatory system	6	3	1	1	1	.	1	1	.	.	.	.	2	1	1	.	.	.	3	1	.	1	1	.
IV.—Diseases of the Respiratory System.																								
Group Total	1467	971	303	106	46	41	697	460	150	50	19	18	137	91	30	8	4	4	633	420	123	48	23	19
86. Diseases of the nasal fossae	3	2	.	1	.	.	1	1	.	.	.	.	.	.	.	.	.	.	2	1	.	1	.	.
87. Diseases of the larynx	20	8	6	1	2	3	9	3	4	.	1	1	.	.	.	.	.	.	11	5	2	1	1	2
88. Diseases of the thyroid body	2	1	1	.	.	.	1	1	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.
89. Acute bronchitis	187	155	23	3	1	5	76	64	9	.	.	3	20	16	3	.	.	1	91	75	11	3	1	1
90. Chronic bronchitis	6	3	3	.	.	.	3	1	2	.	.	.	1	1	.	.	.	.	2	1	1	.	.	.
91. Bronchopneumonia	596	398	132	37	15	14	340	226	76	22	6	10	49	32	14	1	2	.	207	140	42	14	7	4
92. Pneumonia	612	380	129	60	26	17	248	153	56	26	10	3	61	38	11	7	2	3	303	189	62	27	14	11
93. Pleurisy	13	4	6	3	.	.	5	1	2	2	.	.	3	1	2	.	.	.	5	2	2	1	.	.
94. Pulmonary congestion, pulmonary apoplexy	13	9	2	.	.	2	8	6	1	.	.	1	1	1	.	.	.	.	4	2	1	.	.	1
96. Asthma	6	5	1	.	.	.	.	.	.	.	.	.	2	1	.	.	.	.	4	3	1	.	.	.
97. Pulmonary emphysema	1	.	.	.	1	.	1	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
98. Other diseases of the respiratory system (tuberculosis excepted	8	6	.	1	1	.	5	4	.	.	1	.	.	.	.	.	.	.	3	2	.	1	.	.
V.—Diseases of the Digestive System.																								
Group Total	1851	1493	208	67	49	34	834	688	85	26	19	10	191	150	22	3	9	7	826	655	101	38	21	11
99. Diseases of the mouth and annexa	7	4	2	.	1	.	1	1	.	.	.	.	3	2	1	.	.	.	3	1	1	.	1	.
100. Diseases of the pharynx	27	5	7	4	5	6	11	1	3	2	3	2	3	1	.	.	.	2	13	3	4	2	2	2
101. Diseases of the oesophagus	1	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1	.
103. Other diseases of the stomach (cancer excepted	53	38	8	3	3	1	29	25	2	1	.	1	2	1	1	.	.	.	22	12	5	2	3	.
104. Diarrhoea and enteritis (under 2 years)	1554	1382	172	.	.	.	707	633	74	.	.	.	156	138	18	.	.	.	691	611	80	.	.	.

TABLE No. 13.—Continued.

Infant Mortality—Deaths Under 5 Years of Age, and Causes, 1920.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death.)	Province.						Cities.						Towns.						Rural Municipalities.					
	Total.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Total	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Totals.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Total.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.
V.—Diseases of the Digestive System.—Con.																								
105. Diarrhoea and enteritis (2 years and over)	84	..	..	..	47	26	11	36	..	..	..	18	13	5	8	..	..	..	2	5	1	40	..	..	..	27	8	5
107. Intestinal parasites	2	..	..	1	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..
108. Appendicitis and typhlitis	23	1	4	1	8	9	9	..	1	1	3	4	6	..	..	..	3	3	8	1	3	..	2	2
109. Hernia, intestinal obstructions	49	32	8	6	2	1	21	17	2	1	..	1	6	4	2	..	..	..	22	11	4	5	2	..
110. Diseases of the intestines	29	18	4	1	2	4	8	5	1	..	..	2	5	3	..	1	..	1	16	10	3	..	2	1
111. Acute yellow atrophy of the liver	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
115. Other diseases of the liver	6	4	..	2	..	..	3	1	..	2	..	..	..	..	..	..	..	..	3	3	..	..	..	..
116. Diseases of the spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
117. Simple peritonitis (non-puerperal)	15	9	1	2	1	2	7	5	..	1	..	1	2	1	..	..	1	..	6	3	1	1	..	1
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																								
Group Total	47	28	9	5	4	1	22	15	4	2	1	..	6	3	1	1	1	..	19	10	4	2	2	1
119. Acute nephritis	31	21	4	3	2	1	12	9	1	1	1	..	4	3	..	1	..	..	15	9	3	1	1	1
120. Bright's disease	7	2	2	1	2	..	2	1	1	..	..	..	1	..	..	..	1	..	4	1	1	1	1	..
121. Chyluria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
122. Other diseases of the kidneys and annexa	8	5	2	1	..	..	8	5	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
123. Calculi of the urinary passages	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124. Diseases of the bladder	1	..	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of the Skin and of the Cellular Tissue.																								
Group Total	37	29	3	2	..	3	23	18	1	2	..	2	5	4	..	..	..	1	9	7	2	..	..	..
142. Gangrene	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..
143. Furuncle	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
144. Acute abscess	26	20	1	2	..	3	13	9	..	2	..	2	5	4	..	..	..	1	8	7	1	..	..	..
145. Other diseases of the skin and annexa	9	8	1	..	..	..	9	8	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IX.—Diseases of the Bones and of the Organs of Locomotion.																								
Group Total	10	6	1	1	..	2	..	8	5	..	1	..	2	1	1	..	..	..	..	1	1	..	..	..	..
146. Diseases of the bones (tuberculosis excepted)	7	4	..	1	..	2	6	3	..	1	..	2	..	..	..	..	..	..	1	1	..	..	..	..
147. Diseases of the joints (tuberculosis and rheumatism excepted)	3	2	1	..	..	..	2	2	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
X.—Congenital Malformations.																								
150. Congenital malformations (stillbirths not included)	538	515	11	7	3	2	241	231	5	4	1	..	48	46	1	..	1	..	249	238	5	3	1	2

TABLE No. 13.—Concluded.

Infant Mortality—Deaths Under 5 Years of Age, and Causes, 1920.

OFFICIAL ENGLISH TRANSLATION. (Diseases and Causes of Death.)	Province.						Cities.						Towns.						Rural Municipalities.					
	Total.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Total.	Under 1 Yr.	1 Years.	2 Year.	3 Years.	4 Years.	Total.	Under 1 Yr.	1 Year.	2 Years.	3 Years.	4 Years.	Total	U'der 1 Yr.	1 Years.	2 Years.	3 Years.	4 Years.
XI.—Diseases of Early Infancy.																								
Group Total	3423	3423	..	..	..	..	1581	1581	..	..	..	..	307	307	..	..	..	..	1535	1535	..	..	..	..
151. Congenital debility, icterus and sclerema	3083	3083	..	..	..	..	1397	1397	..	..	..	..	283	283	..	..	..	..	1403	1403	..	..	..	..
152. Other diseases peculiar to early infancy	333	333	..	..	..	..	178	178	..	..	..	..	24	24	..	..	..	..	1311	31	..	..	..	..
153. Lack of care	7	7	..	..	..	..	6	6	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
XIII.—Affections Produced by External Causes																								
Group Total	216	40	52	37	43	44	86	20	17	17	16	16	1	3	..	5	4	2	2	117	20	30	16	25	26
164. Poisoning by food	4	2	..	..	1	1	1	..	..	..	..	1	..	..	..	..	..	..	3	2	..	1	..	..
165. Other acute poisonings	26	..	511	4	3	3	11	2	6	1	1	..	..	..	..	..	..	..	15	3	5	3	2	2
166. Conflagration	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..
167. Burns (conflagration excepted)	69	4	16	17	16	16	29	..	7	11	5	6	5	2	2	..	..	1	35	4	7	4	11	9
168. Absorption of deleterious gases (conflagration excepted)	10	9	1	..	..	..	6	5	1	..	..	..	..	..	..	..	..	..	4	4	..	..	..	..
169. Accidental drowning	38	2	15	5	9	7	3	1	..	1	..	1	2	..	1	..	1	..	33	1	14	4	8	6
170. Traumatism by firearms	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..
172. Traumatism by fall	9	3	1	1	2	2	5	2	1	..	1	1	1	..	1	..	..	..	3	1	..	..	1	1
174. Traumatism by machines	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
175. Traumatism by other crushing	26	2	4	5	8	7	17	2	1	3	7	4	3	..	1	1	..	1	6	..	2	1	1	2
(a) Railroad	7	..	3	2	..	2	1	..	..	..	..	1	3	..	1	1	..	1	3	..	2	1	..	..
(b) Street car	3	..	..	2	..	1	3	..	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..
(c) Automobile	13	2	1	1	8	1	12	2	1	1	7	1	..	..	..	..	..	..	1	..	..	..	1	..
(d) Other crushing	3	..	..	..	..	3	1	..	..	..	..	1	..	..	..	..	..	..	2	..	..	..	..	2
176. Injuries by animals	2	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	1	..	1
178. Excessive cold	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
179. Effects of heat	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
180. Lightning	2	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	..	1
183. Homicide by cutting or piercing instruments	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
184. Homicide by other means	9	8	..	..	1	..	7	7	..	..	..	..	..	..	..	..	..	..	2	1	..	..	1	..
185. Fractures (cause not specified)	5	1	1	..	1	2	3	..	1	..	1	1	..	..	..	..	..	..	2	1	..	..	..	1
186. Other external violence	10	1	2	2	2	3	3	..	..	1	1	1	1	1	..	..	..	..	6	1	1	1	1	2
XIV.—Ill-defined Diseases.																								
Group Total	65	20	32	8	2	3	18	7	8	2	..	1	1	..	1	..	..	..	46	13	2	6	2	2
187. Ill-defined organic disease	2	..	..	2	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	1	..	..
189. Cause of death not specified or ill-defined	63	20	32	6	2	3	17	7	8	1	1	..	1	..	1	..	..	..	45	13	23	5	2	2
Still Births.																								
(Not included in Totals)	2871	2871	..	..	..	..	1491	1491	..	..	..	..	225	225	..	..	..	..	1155	1155	..	..	..	..

APPENDIX

BIRTHS BY MONTHS AND SEX IN ONTARIO (INCLUDING CITIES AND TOWNS), 1920.

Counties.	Sex.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	No. pairs of twins.	No. cases of triplets	Illegitimates.	Still Births.
Grand Total, Prov		72,511	6,231	6,381	6,470	6,314	6,452	6,271	6,235	6,154	5,939	5,567	4,941	5,556	730	8	1,493	2,495
Total Counties, Cities, Towns	M	37 196	3,219	3,323	3,240	3,257	3,235	3,227	3,237	3,179	3,012	2,862	2,550	2,855	740	15	766	1,454
Total Counties Cities, Towns	F	35,315	3,012	3,058	3,230	3,057	3,217	3,044	2,998	2,975	2,927	2,705	2,391	2,701	720	9	727	1,041
Total Count. only		34,752	2,992	3,045	3,168	2,998	3,081	2,965	2,935	2,955	2,963	2,742	2,338	2,570	346	4	459	1,075
Total	M	17,796	1,577	1,546	1,596	1 575	1,579	1,504	1,532	1,500	1 449	1,407	1,231	1,300	361	12	223	615
Total	F	16,956	1,415	1,499	1,572	1,423	1,502	1,461	1,403	1,455	1,514	1,335	1,107	1,270	331	.....	236	460
Algoma	M	247	30	22	28	17	24	20	24	24	10	15	16	17	2	.....	5	11
	F	221	23	18	19	17	13	21	12	20	13	26	16	23	2	.....	6	5
		468	53	40	47	34	37	41	36	44	23	41	32	40	2	.....	11	16
Brant	M	256	25	25	16	20	28	24	21	23	21	17	16	20	.....	.....	7	2
	F	234	19	18	17	32	18	26	11	22	16	26	15	14	4	.....	6	2
		490	44	43	33	52	46	50	32	45	37	43	31	34	2	.....	13	4
Bruce	M	491	42	47	52	44	36	49	40	32	41	34	38	36	7	.....	6	16
	F	434	31	32	42	45	36	40	36	46	29	43	29	25	5	.....	5	21
		925	73	79	94	89	72	89	76	78	70	77	67	61	6	.....	11	37
Carleton	M	450	39	40	34	49	37	31	52	36	38	26	36	32	7	.....	2	17
	F	431	28	35	53	31	32	41	39	41	38	38	22	33	1	.....	3	10
		881	67	75	87	80	69	72	91	77	76	64	58	65	4	.....	5	27

Dufferin	M	173	14	10	15	13	15	14	16	26	11	9	15	15	3	3	.....	8
	F	171	16	11	17	7	13	23	8	13	12	17	23	11	7	.....	2	3
		344	30	21	32	20	28	37	24	39	23	26	38	26	5	1	2	11
Elgin	M	267	28	25	20	26	21	19	17	21	22	17	24	27	10	.....	3	12
	F	211	23	12	20	20	23	22	20	9	26	11	13	12	6	.....	2	7
		478	51	37	40	46	44	41	37	30	48	28	37	39	8	.....	5	19
Essex	M	704	60	73	66	52	57	53	58	56	58	73	48	50	55	.....	5	19
	F	714	49	64	66	55	76	62	69	60	64	52	53	44	1	.....	11	15
		1,418	109	137	132	107	133	115	127	116	122	125	101	94	3	.....	16	34
Frontenac	M	243	16	21	23	20	17	13	16	29	27	22	14	25	4	.....	1	7
	F	236	21	17	26	16	18	20	21	22	20	21	18	16	8	.....	4	2
		479	37	38	49	36	35	33	37	51	47	43	32	41	6	.....	5	9
Grey	M	462	42	37	41	51	33	35	43	32	40	41	34	33	3	.....	7	14
	F	447	28	31	35	41	46	42	36	39	43	42	28	36	9	.....	1	15
		909	70	68	76	92	79	77	79	71	83	83	62	69	6	.....	8	29
Haldimand	M	228	22	27	18	21	16	19	20	14	25	13	20	13	1	.....	1	8
	F	243	19	28	19	27	20	26	17	18	22	21	12	14	5	.....	5	5
		471	41	55	37	48	36	45	37	32	47	34	32	27	3	.....	6	13
Haliburton	M	85	4	8	6	10	12	6	4	7	10	6	4	8	3	.....	1	4
	F	89	8	12	6	8	14	3	8	6	10	2	8	4	3	.....	2	4
		174	12	20	12	18	26	9	12	13	20	8	12	12	3	.....	3	8
Halton	M	236	15	26	23	18	25	32	17	19	11	24	12	14	2	.....	8	13
	F	236	14	19	22	17	22	23	22	23	23	13	22	16	4	.....	4	7
		472	29	45	45	35	47	55	39	42	34	37	34	30	3	.....	12	20

BIRTHS BY MONTHS AND SEX IN ONTARIO, 1920—*Continued.*

Counties.	Sex.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	No. pairs of twins.	No. cases of triplets.	Illegitimates.	Still-Births.
Hastings	M	443	35	33	44	54	41	52	31	37	30	39	22	25	4	.....	1	11
	F	467	38	41	40	32	31	45	38	45	37	43	40	37	8	.....	5	13
		910	73	74	84	86	72	97	69	82	67	82	62	62	6	.....	6	24
Huron	M	478	38	35	42	46	61	35	53	43	31	31	36	27	3	.....	2	16
	F	478	42	41	37	51	49	42	31	41	39	40	29	36	9	.....	6	8
		956	80	76	79	97	110	77	84	84	70	71	65	63	6	.....	8	24
Kenora	M	129	7	12	17	14	14	9	5	8	13	11	11	8	2	.....	1	7
	F	163	15	17	16	17	8	11	11	16	13	13	12	14	.....	.....	3	5
		292	22	29	33	31	22	20	16	24	26	24	23	22	1	.....	4	12
Kent	M	526	53	46	55	44	42	52	41	39	29	44	35	46	19	.....	6	15
	F	514	52	50	47	39	37	33	40	51	53	38	27	47	11	.....	4	21
		1,040	105	96	102	83	79	85	81	90	82	82	62	93	15	.....	10	36
Lambton	M	342	24	25	29	26	32	25	36	32	33	32	24	24	2	.....	3	13
	F	328	30	24	36	15	28	25	36	27	32	28	25	22	6	.....	4	5
		670	54	49	65	41	60	50	72	59	65	60	49	46	4	.....	7	18
Lanark	M	274	16	29	30	24	24	27	26	21	21	22	19	15	10	3	.....	12
	F	256	28	25	28	21	23	17	13	24	23	21	16	17	2	.....	5	12
		530	44	54	58	45	47	44	39	45	44	43	35	32	6	1	5	24

Leeds & Grenville..	M	416	52	35	34	42	35	30	35	28	30	30	31	34	5	.....	4	15
	F	363	31	28	29	31	35	43	41	26	32	22	25	20	7	.....	8	16
		779	83	63	63	73	70	73	76	54	62	52	56	54	6	.....	12	31
Lennox & Add'ton.	M	195	20	22	20	11	21	12	18	13	17	15	14	12	7	.....	2	9
	F	206	19	12	18	18	29	8	13	14	21	20	15	19	5	.....	1	5
		401	39	34	38	29	50	20	31	27	38	35	29	31	6	.....	3	14
Lincoln.....	M	255	28	29	20	28	16	16	25	18	21	17	20	17	2	.....	1	7
	F	231	23	22	17	19	18	24	16	18	22	24	13	15	2	.....	1	6
		486	51	51	37	47	34	40	41	36	43	41	33	32	2	.....	2	13
Manitoulin.	M	150	19	14	9	12	17	10	14	13	12	11	12	7	2	.....	5	1
	F	143	14	21	13	10	14	8	10	15	19	3	4	12	.....	.....	5	.....
		293	33	35	22	22	31	18	24	28	31	14	16	19	1	.....	10	1
Middlesex.....	M	413	32	36	23	40	36	45	36	36	28	36	34	31	6	.....	12	9
	F	363	33	34	34	28	29	30	34	32	30	26	20	33	6	.....	4	4
		776	65	70	57	68	65	75	70	68	58	62	54	64	6	.....	16	13
Muskoka	M	259	19	20	21	20	17	20	25	31	26	22	10	28	4	.....	5	7
	F	268	19	24	29	39	32	17	19	20	12	21	15	21	6	.....	5	7
		527	38	44	50	59	49	37	44	51	38	43	25	49	5	.....	10	14
Nipissing	M	350	31	32	29	30	32	43	27	24	30	17	26	29	7	.....	1	10
	F	332	31	30	30	32	39	30	22	27	32	19	14	26	7	.....	5	1
		682	62	62	59	62	71	73	49	51	62	36	40	55	7	.....	6	11
Norfolk.....	M	284	25	27	25	18	30	21	24	22	21	18	26	27	2	.....	1	4
	F	261	22	23	27	22	19	22	20	20	18	20	25	23	2	.....	3	5
		545	47	50	52	40	49	43	44	42	39	38	51	50	2	.....	4	9

BIRTHS BY MONTHS AND SEX IN ONTARIO, 1920—*Continued.*

Counties.	Sex.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	No. pairs of twins.	No. cases of triplets.	Illegitimates.	Still-Births.
Northumberland & Durham	M	608	50	49	62	54	54	40	50	58	58	45	45	43	22	.....	5	23
	F	594	56	45	52	46	54	44	51	52	53	42	50	49	16	.....	14	14
		1,202	106	94	114	100	108	84	101	110	111	87	95	92	19	.....	19	37
Ontario	M	318	30	35	33	24	29	28	25	24	21	24	21	24	4	.....	9	14
	F	333	22	27	30	25	28	35	26	33	31	31	23	22	6	.....	4	10
		651	52	62	63	49	57	63	51	57	52	55	44	46	5	.....	13	24
Oxford	M	313	27	24	41	23	28	35	18	24	19	35	14	25	3	.....	3	9
	F	308	27	29	21	38	24	32	32	20	22	22	17	24	5	.....	2	11
		621	54	53	62	61	52	67	50	44	41	57	31	49	4	.....	5	20
Parry Sound	M	327	18	31	31	32	35	22	34	25	26	25	30	18	5	.....	9	9
	F	316	28	28	36	30	27	21	32	28	30	16	15	25	11	.....	5	9
		643	46	59	67	62	62	43	66	53	56	41	45	43	8	.....	14	18
Peel	M	219	17	22	20	15	21	22	19	18	19	12	20	14	5	.....	3	7
	F	216	18	21	23	13	26	15	12	20	18	16	15	19	5	.....	3	8
		435	35	43	43	28	47	37	31	38	37	28	35	33	5	.....	6	15
Perth	M	353	37	24	24	36	34	29	33	38	25	27	22	24	4	3	1	12
	F	336	31	21	33	24	27	42	33	22	28	28	22	25	2	.....	4	5
		689	68	45	57	60	61	71	66	60	53	55	44	49	3	1	5	17

Peterboro.....	M	230	30	22	18	20	17	16	22	14	21	21	14	15	8	.....	2	11
	F	206	17	15	21	14	23	26	14	20	16	15	11	14	4	.....	3	8
		436	47	37	39	34	40	42	36	34	37	36	25	29	6	.....	5	19
Prescott & Russell.	M	717	69	65	74	60	78	58	51	60	58	55	42	47	9	.....	1	23
	F	698	53	64	86	58	57	61	63	48	68	43	47	50	17	.....	7	20
		1,415	122	129	160	118	135	119	114	108	126	98	89	97	13	.....	8	43
Prince Edward....	M	180	16	15	18	16	15	16	18	12	17	14	11	12	6	.....	.....	9
	F	158	14	20	15	11	8	14	18	17	10	10	9	12	8	.....	4	6
		338	30	35	33	27	23	30	36	29	27	24	20	24	7	.....	4	15
Rainy River.....	M	191	15	17	23	12	17	16	23	13	20	10	9	16	9	.....	1	8
	F	187	23	16	24	22	14	12	18	16	18	9	6	9	1	.....	3	3
		378	38	33	47	34	31	28	41	29	38	19	15	25	5	.....	4	11
Renfrew.....	M	461	43	39	30	43	23	39	40	45	51	33	36	39	13	.....	12	24
	F	463	48	45	32	34	37	47	45	32	49	47	22	25	7	.....	7	9
		924	91	84	62	77	60	86	85	77	100	80	58	64	10	.....	19	33
Simcoe.....	M	551	50	53	31	50	55	35	54	48	47	57	32	39	19	.....	14	19
	F	497	28	52	43	38	44	43	35	42	55	47	30	40	5	.....	6	15
		1,048	78	105	74	88	99	78	89	90	102	104	62	79	12	.....	20	34
Stormont, Dundas & Glengarry.....	M	570	50	44	60	46	56	50	50	43	47	51	38	35	14	.....	1	16
	F	499	32	32	36	40	68	42	44	46	43	39	35	42	12	.....	4	14
		1,069	82	76	96	86	124	92	94	89	90	90	73	77	13	.....	5	30

BIRTHS BY MONTHS AND SEX IN ONTARIO, 1920—*Concluded.*

Counties.	Sex.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	No. pairs of twins.	No. cases of triplets.	Illegitimates.	Still-Births.
Sudbury	M	472	45	38	42	38	43	34	43	39	27	49	44	30	21	.....	7	22
	F	469	34	39	55	34	36	41	43	41	43	34	28	41	23	.....	5	15
		941	79	77	97	72	79	75	86	80	70	83	72	71	22	.....	12	37
Thunder Bay	M	89	8	7	7	8	4	7	5	8	12	12	3	8	4	.....	1	2
	F	102	7	15	7	7	4	10	11	9	14	9	5	4	6	.....	.....	1
		191	15	22	14	15	8	17	16	17	26	21	8	12	5	.....	1	3
Timiskaming	M	594	66	44	52	59	52	43	48	55	59	39	25	52	16	.....	9	27
	F	590	40	63	52	52	50	36	49	50	55	42	45	56	18	.....	6	16
		1,184	106	107	104	111	102	79	97	105	114	81	70	108	17	.....	15	43
Victoria	M	191	23	9	13	16	17	16	25	15	16	15	10	16	7	.....	2	8
	F	193	13	18	21	18	20	17	13	20	12	10	17	14	5	.....	6	7
		384	36	27	34	34	37	33	38	35	28	25	27	30	6	.....	8	15
Waterloo	M	263	23	25	24	26	27	23	15	26	17	24	15	18	7	.....	2	6
	F	246	27	29	24	17	21	24	18	20	15	20	14	17	7	.....	3	4
		509	50	54	48	43	48	47	33	46	32	44	29	35	7	.....	5	10
Welland	M	484	39	36	39	33	28	54	51	48	35	43	36	42	17	.....	6	22
	F	448	46	46	32	41	34	35	34	42	48	36	22	32	5	.....	4	17
		932	85	82	71	74	62	89	85	90	83	79	58	74	11	.....	10	39

Wellington.....	M	430	32	37	54	40	46	40	28	41	30	28	24	30	17	.....	8	17
	F	340	27	31	25	34	30	28	19	30	32	32	23	29	3	.....	7	15
		770	59	68	79	74	76	68	47	71	62	60	47	59	10	.....	15	32
Wentworth.....	M	300	22	29	21	24	21	30	31	20	28	25	26	23	2	3	2	10
	F	293	25	34	29	25	26	22	21	23	25	21	20	22	8	.....	1	7
		593	47	63	50	49	47	52	52	43	53	46	46	45	5	1	3	17
York.....	M	1,579	131	125	139	150	140	139	125	142	140	121	117	110	27	.....	35	50
	F	1,424	123	120	132	112	122	110	129	129	130	116	92	109	31	.....	28	42
		3,003	254	245	271	262	262	249	254	271	270	237	209	219	29	.....	63	92

BIRTHS BY MONTHS AND SEX—CITIES, 1920.

Cities.	Sex.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	No. pairs of twins.	No. cases of triplets.	Illegitimates.	Still-Births.
Grand Total		32,080	2,712	2,863	2,772	2,820	2,868	2,838	2,789	2,681	2,519	2,834	2,249	2,585	328	3	933	1,199
Total Males		16,574	1,384	1,529	1,392	1,438	1,414	1,488	1,454	1,411	1,335	1,223	1,160	1,346	330	3	492	707
Total Females		15,506	1,328	1,334	1,380	1,382	1,454	1,350	1,335	1,270	1,184	1,161	1,089	1,239	326	6	441	492
Belleville	M	198	22	16	24	22	11	10	19	16	13	16	18	11	3		4	8
	F	164	15	11	21	13	17	12	9	17	5	18	9	17	3		3	3
		362	37	27	45	35	28	22	28	33	18	34	27	28	3		7	11
Brantford	M	439	38	43	26	41	37	43	41	49	25	28	37	31	6		5	18
	F	402	27	25	26	40	37	39	43	29	38	34	38	26	10		4	9
		841	65	68	52	81	74	82	84	78	63	62	75	57	8		9	27
Chatham	M	193	19	15	20	15	22	14	18	14	11	15	12	18	5		4	9
	F	179	17	16	16	17	22	17	14	9	15	15	9	12	13		5	5
		372	36	31	36	32	44	31	32	23	26	30	21	30	9		9	14
Fort William	M	335	27	36	27	32	32	30	38	29	21	21	24	18	16		2	18
	F	337	24	39	24	38	33	29	26	22	34	23	27	18	14		11	11
		672	51	75	51	70	65	59	64	51	55	44	51	36	15		13	29
Galt	M	173	12	13	13	16	13	12	14	19	19	15	13	14	2		1	6
	F	167	15	10	24	12	9	7	19	13	19	7	19	13	6		2	4
		340	27	23	37	28	22	19	33	32	38	22	32	27	4		3	10

Guelph	M	207	16	20	23	22	17	15	19	19	19	12	7	18	.....	.....	3	9
	F	177	12	25	22	11	10	12	10	17	18	14	9	17	.....	.....		9
		384	28	45	45	33	27	27	29	36	37	26	16	35	.....	.....	3	15
Hamilton	M	1,746	157	167	149	166	153	163	143	138	137	117	130	126	36	.....	40	78
	F	1,524	144	142	110	138	162	139	124	125	105	119	115	111	18	.....	22	69
		3,270	301	309	259	304	305	302	267	263	242	236	245	237	27	.....	62	147
Kingston	M	368	33	36	40	26	31	31	33	42	29	22	20	25	2	.....	7	16
	F	322	26	32	37	29	39	31	21	20	24	16	25	22	.....	3	6	9
		690	59	68	77	55	70	62	54	62	53	38	45	47	1	1	13	25
Kitchener	M	296	25	21	38	25	26	29	29	16	29	23	10	25	9	.....	5	12
	F	287	25	23	24	24	26	20	17	23	32	24	19	30	5	.....	6	12
		583	50	44	62	49	52	49	46	39	61	47	29	55	7	.....	11	24
London	M	700	58	78	77	69	65	58	68	66	73	56	59	43	11	.....	27	22
	F	706	45	48	63	70	78	67	72	62	58	49	39	55	17	.....	40	23
		1,476	103	126	140	139	143	125	140	128	131	105	98	98	14	.....	67	45
Niagara Falls	M	202	22	16	18	17	14	21	24	14	15	12	17	12	11	.....	3	5
	F	194	15	21	22	10	12	15	25	20	10	19	12	13	3	.....	.....	6
		396	37	37	40	27	26	36	49	34	25	31	29	25	7	.....	3	11
Ottawa	M	1,692	170	181	89	155	149	149	140	132	128	142	123	134	41	.....	108	88
	F	1,660	154	175	156	160	146	142	114	130	117	115	115	136	51	.....	101	67
		3,352	324	356	245	315	295	291	254	262	245	257	238	270	46	.....	209	155
Owen Sound	M	204	14	17	19	22	10	18	19	16	19	16	19	15	4	.....	4	6
	F	157	7	10	17	14	14	16	17	9	13	13	10	17	2	.....	1	7
		361	21	27	36	36	24	34	36	25	32	29	29	32	3	.....	5	13

BIRTHS BY MONTHS AND SEX—CITIES, 1920.—*Concluded.*

Cities.	Sex.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	No. pairs of twins.	No. cases of triplets.	Illegitimates.	Still-Births.
Peterborough.....	M	255	21	28	16	24	22	20	34	20	21	16	12	21	5	.....	7	20
	F	267	22	20	29	19	28	30	18	18	21	17	17	28	5	.....	5	10
		522	43	48	45	43	50	50	52	38	42	33	29	49	5	.....	12	30
Port Arthur.....	M	284	23	31	23	16	38	26	19	24	24	17	20	23	11	.....	3	13
	F	247	15	24	23	22	18	20	26	26	16	16	18	23	7	.....	2	8
		531	38	55	46	38	56	46	45	50	40	33	38	46	9	.....	5	21
St. Catharines.....	M	348	29	24	17	25	32	37	29	36	27	32	28	32	.....	.....	4	8
	F	335	24	30	36	29	34	21	39	35	24	19	17	27	2	.....	3	12
		683	53	54	53	54	66	58	68	71	51	51	45	59	1	.....	7	20
St. Thomas.....	M	236	19	27	18	10	21	21	15	31	22	18	14	20	11	.....	4	11
	F	205	21	14	19	26	22	14	16	19	10	14	11	19	3	.....	.....	5
		441	40	41	37	36	43	35	31	50	32	32	25	39	7	.....	4	16
Sarnia.....	M	180	19	14	27	21	10	10	9	18	14	16	8	14	7	.....	2	5
	F	189	19	16	22	25	13	11	14	15	11	16	14	13	1	.....	5	5
		369	38	30	49	46	23	21	23	33	25	32	22	27	4	.....	7	10
Sault Ste Marie....	M	328	31	31	31	15	26	28	34	30	36	22	15	29	1	.....	2	13
	F	295	22	29	20	14	35	24	30	24	22	31	26	18	1	.....	3	2
		623	53	60	51	29	61	52	64	54	58	53	41	47	1	.....	5	15

Stratford	M	241	19	25	19	20	24	24	16	23	20	18	16	17	4	.....	3	18
	F	227	18	21	22	26	16	18	17	16	17	18	18	20	4	.....	5	5
		468	37	46	41	46	40	42	33	39	37	36	34	37	4	.....	8	23
Toronto	M	7,027	553	603	616	608	583	653	617	593	568	518	490	625	131	3	241	291
	F	6,634	592	540	590	565	621	588	588	542	508	491	463	546	147	3	208	191
		13,661	1,145	1,143	1,206	1,173	1,204	1,241	1,205	1,135	1,076	1,009	953	1,171	139	2	449	482
Welland	M	139	9	14	10	8	9	15	9	9	11	16	14	15	4	.....	1	5
	F	142	7	10	9	17	13	8	17	17	16	10	10	8	4	.....	.....	3
		281	16	24	19	25	22	23	26	26	27	26	24	23	4	.....	1	8
Windsor	M	624	41	63	46	55	55	52	63	48	48	48	50	55	9	.....	9	24
	F	588	51	46	40	55	52	60	48	51	44	53	47	41	5	.....	9	18
		1,212	92	109	86	110	107	112	111	99	92	101	97	96	7	.....	18	42
Woodstock	M	89	7	10	6	8	14	9	4	9	6	7	4	5	1	.....	3	4
	F	101	11	7	8	8	7	10	11	11	7	10	2	9	5	.....	.....	2
		190	18	17	14	16	21	19	15	20	13	17	6	14	3	.....	3	6

BIRTHS BY MONTHS AND SEX—TOWNS, 1920.

Towns.	Sex.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	No. pairs of twins.	No. cases of triplets.	Illegitimates.	Still-Births.
Grand Total		5,679	527	473	530	496	503	468	511	518	457	441	354	401	56	1	101	221
Total Males		2,826	258	248	252	244	242	235	251	268	228	232	159	209	49	.....	51	132
Total Females		2,853	269	225	278	252	261	233	260	250	229	209	195	192	63	3	50	89
Barrie	M	85	5	4	6	11	9	11	8	6	7	9	2	7	2	.....	1	2
	F	78	6	4	9	5	8	8	8	11	8	3	4	4	.....	.....	.....	.....
		163	11	8	15	16	17	19	16	17	15	12	6	11	1	.....	1	2
Brockville	M	105	14	12	9	5	12	8	8	5	13	7	4	8	1	.....	2	8
	F	137	6	10	8	14	17	14	13	12	15	10	11	7	1	.....	2	1
		242	20	22	17	19	29	22	21	17	28	17	15	15	1	.....	4	9
Cobalt	M	102	11	10	9	14	5	9	10	8	4	4	6	12	1	.....	4	4
	F	98	10	8	7	8	8	9	6	9	13	6	4	10	7	.....	.....	1
		200	21	18	16	22	13	18	16	17	17	10	10	22	4	.....	4	5
Collingwood	M	68	4	2	7	3	11	6	7	6	6	7	4	5	.....	.....	2	2
	F	75	6	8	4	11	7	7	10	9	3	4	2	4	2	.....	1	4
		143	10	10	11	14	18	13	17	15	9	11	6	9	1	.....	3	6
Cornwall	M	188	19	20	16	16	12	20	13	18	12	17	10	15	3	.....	7	20
	F	231	20	17	19	23	11	25	24	18	19	17	21	17	7	.....	9	9
		419	39	37	35	39	23	45	37	36	31	34	31	32	5	.....	16	29

Dundas	M	49	2	4	4	6	8	2	9	3	1	6	1	3	1	.....	1	.....
	F	61	5	5	10	3	4	6	5	4	10	2	5	2	1	.....	.....	1
		110	7	9	14	9	12	8	14	7	11	8	6	5	1	.....	1	1
Hawkesbury	M	111	12	7	9	8	8	10	14	12	8	7	8	8	.....	.....	2	2
	F	117	8	9	15	13	12	13	10	13	4	7	7	6	2	.....	2	2
		228	20	16	24	21	20	23	24	25	12	14	15	14	1	.....	4	4
Ingersoll	M	82	12	2	5	7	8	12	5	9	4	7	4	7	1	.....	2	4
	F	81	8	4	5	8	8	3	8	9	7	6	4	11	1	.....	1	.....
		163	20	6	10	15	16	15	13	18	11	13	8	18	1	.....	3	4
Kenora	M	107	8	7	8	5	6	5	8	15	9	13	5	18	1	.....	2	.....
	F	95	6	8	13	6	7	4	12	8	13	7	4	7	1	.....	4	4
		202	14	15	21	11	13	9	20	23	22	20	9	25	1	.....	6	4
Lindsay	M	115	10	7	6	15	5	11	8	13	14	7	9	10	8	.....	3	7
	F	93	9	5	6	4	16	5	12	9	6	8	7	6	6	.....	4	6
		208	19	12	12	19	21	16	20	22	20	15	16	16	7	.....	7	13
Midland	M	124	12	8	7	11	13	5	10	12	14	12	12	8	1	.....	1	10
	F	113	14	11	10	11	11	8	7	10	7	10	5	9	7	.....	2	4
		237	26	19	17	22	24	13	17	22	21	22	17	17	4	.....	3	14
North Bay	M	224	24	17	27	20	17	17	21	22	23	13	10	13	5	.....	4	4
	F	196	26	16	18	16	14	16	14	16	14	16	18	12	3	.....	4	3
		420	50	33	45	36	31	33	35	38	37	29	28	25	4	.....	8	7
Orillia	M	194	15	18	23	20	17	16	13	19	16	19	7	11	6	.....	2	4
	F	205	20	21	18	23	16	12	19	21	14	19	13	9	4	.....	6	5
		399	35	39	41	43	33	28	32	40	30	38	20	20	5	.....	8	9

BIRTHS BY MONTHS AND SEX—TOWNS, 1920.—*Concluded.*

Towns.	Sex.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	No. pairs of twins.	No. cases of triplets.	Illegitimates.	Still-Births.
Oshawa	M	188	15	18	14	15	18	12	21	23	13	16	10	13	.....	.....	3	8
	F	204	14	18	23	12	21	13	18	22	13	16	22	12	2	.....	3	4
		392	29	36	37	27	39	25	39	45	26	32	32	25	1	.....	6	12
Parry Sound	M	75	6	6	7	8	9	4	8	5	3	6	6	7	.....	.....	1	3
	F	86	6	5	9	9	12	3	8	5	6	10	5	8	.....	.....	1	3
		161	12	11	16	17	21	7	16	10	9	16	11	15	.....	.....	2	6
Pembroke	M	120	12	16	11	7	11	14	11	12	3	10	10	3	7	.....	1	12
	F	101	7	10	11	13	9	3	10	7	8	6	12	5	3	.....	2	7
		221	19	26	22	20	20	17	21	19	11	16	22	8	5	.....	3	19
Preston	M	64	9	4	5	6	5	5	4	4	6	6	4	6	3	.....	1	1
	F	75	14	7	8	5	6	2	4	3	9	6	5	6	3	.....	1	3
		139	23	11	13	11	11	7	8	7	15	12	9	12	3	.....	2	4
Renfrew	M	88	6	11	6	6	6	7	5	11	11	5	7	7	1	.....	2	7
	F	94	10	10	7	10	6	12	7	7	6	6	6	7	1	.....	1	4
		182	16	21	13	16	12	19	12	18	17	11	13	14	1	.....	3	11
Smith Falls	M	119	9	9	16	8	16	8	15	14	9	2	5	8	2	.....	.....	6
	F	88	11	7	14	5	5	14	8	8	5	7	1	3	2	.....	.....	4
		207	20	16	30	13	21	22	23	22	14	9	6	11	2	.....	.....	10

Sudbury	M	224	23	21	28	14	17	24	20	16	11	21	15	14	4	.....	4	13
	F	209	20	11	24	25	23	12	21	19	15	11	9	4	3	2	2	13
		433	43	32	52	39	40	36	41	35	26	40	26	23	4	1	6	26
Timmins	M	77	9	11	11	6	4	2	4	8	8	6	4	4	.....	.....	1	1
	F	71	9	4	11	7	7	6	4	2	4	6	5	6	.....	.....	.....	5
		148	18	15	22	13	11	8	8	10	12	12	9	10	.....	.....	1	6
Trenton	M	81	4	12	7	7	9	3	3	10	8	11	3	4	1	.....	.....	2
	F	90	14	6	7	6	6	13	11	5	6	2	6	8	1	.....	1	2
		171	18	18	14	13	15	16	14	15	14	13	9	12	1	.....	1	4
Walkerville	M	86	5	8	5	7	8	10	8	5	8	8	5	9	.....	.....	3	7
	F	87	4	3	12	5	8	10	9	7	9	6	5	9	.....	.....	1	1
		173	9	11	17	12	16	20	17	12	17	14	10	18	.....	.....	4	8
Waterloo	M	150	12	14	6	19	8	14		18	12	17	13	8	9	.....	2	5
	F	168	16	18	10	10	19	15	12	16	15	10	12	15	5	.....	3	3
		318	28	32	16	29	27	29	30	28	32	23	20	24	3	.....	5	8

CONJUGAL RELATIONS—MARRIAGES, PROV. OF ONTARIO, 1920.

(Including all Municipalities.)

	Bachelors	Widowers	Divorced Men.	Total Brides.
Spinsters	26,231	1,246	51	27,528
Widows	623	884	14	1,521
Divorced Women	28	19	8	55
Total Grooms	26,882	2,149	73	29,104

CONJUGAL RELATIONS—MARRIAGES, COUNTIES OF ONT., 1920.

(Excluding Cities and Towns.)

	Bachelors	Widowers	Divorced Men.	Total Brides.
Spinsters	9,804	344	4	10,152
Widows	122	298	2	422
Divorced Women	2	1	2	5
Total Grooms	9,928	643	8	10,579

CONJUGAL RELATIONS—MARRIAGES, CITIES OF ONT., 1920.

	Bachelors	Widowers	Divorced Men.	Total Brides.
Spinsters	14,727	851	45	15,623
Widows	478	532	12	1,022
Divorced Women	26	17	6	49
Total Grooms	15,231	1,400	63	16,694

CONJUGAL RELATIONS—MARRIAGES, TOWNS OF ONT., 1920.

	Bachelors.	Widowers	Divorced Men.	Total Brides.
Spinsters	1,700	51	2	1,753
Widows	23	54	.....	77
Divorced Women	.....	1	.....	1
Total Grooms	1,723	106	2	1,831

MARRIAGES BY MONTHS—COUNTIES, 1920.

Counties	Total	January	February	March	April	May	June	July	August	September	October	November	December
Grand Total.... (all Municip'ties)	29,104	1,927	1,701	1,823	2,621	2,054	4,140	2,089	2,220	3,389	2,621	2,199	2,320
Total Counties (excluding Cities and Towns)...	10,278	693	619	745	935	627	1,475	610	668	1,261	898	817	930
Algoma.....	181	20	15	12	18	10	13	16	19	18	10	11	19
Brant.....	135	7	9	16	15	10	15	8	9	20	7	10	9
Bruce.....	340	31	28	28	43	18	52	13	17	36	21	18	35
Carleton.....	176	9	3	5	21	9	38	9	14	30	12	10	16
Dufferin.....	112	10	10	6	12	6	21	7	2	4	6	13	15
Elgin.....	174	13	9	15	19	9	25	8	15	17	17	14	13
Essex.....	380	23	27	15	44	25	52	26	27	51	39	32	19
Frontenac.....	88	3	8	5	8	9	8	6	7	9	5	6	14
Grey.....	329	26	17	34	43	13	43	16	13	36	24	19	45
Haldimand.....	177	15	11	11	11	11	21	11	4	30	20	15	17
Haliburton.....	46	1	3	1	2	4	10	7	3	5	2	2	6
Halton.....	173	8	6	11	14	11	31	6	23	15	14	15	19
Hastings.....	314	17	17	19	30	16	49	14	25	61	16	19	31
Huron.....	363	19	24	29	25	21	42	22	18	45	40	38	40
Kenora.....	36	2	.....	1	4	.....	6	6	2	5	2	4	4
Kent.....	315	27	26	23	24	23	28	18	15	37	36	31	27
Lambton.....	227	10	9	8	19	12	35	12	21	40	22	11	28
Lanark.....	194	12	16	11	17	13	26	10	15	26	19	16	13
Leeds&Grenville.	342	27	21	20	23	13	60	20	23	48	35	25	27
Lennox & Add...	161	18	9	11	11	16	17	8	13	18	18	10	12
Lincoln.....	166	11	7	12	17	5	33	16	9	25	9	11	11
Manitoulin.....	80	4	6	3	9	10	10	6	6	8	7	5	6
Middlesex.....	276	18	8	27	20	16	50	4	14	38	33	26	22
Muskoka.....	173	6	8	13	11	9	30	5	15	27	16	18	15
Nipissing.....	195	20	10	5	18	20	22	25	12	12	27	12	12
Norfolk.....	212	15	15	22	20	15	21	7	15	29	17	13	23
North. & Durham	455	31	30	40	38	25	55	26	30	68	28	36	48
Ontario.....	232	14	16	22	16	14	31	19	17	22	9	20	32
Oxford.....	205	10	15	28	28	8	29	5	11	17	20	18	16
Parry Sound.....	125	6	3	11	15	7	29	3	13	7	8	7	16
Peel.....	172	11	6	19	11	11	30	15	12	9	17	15	16
Perth.....	250	19	25	19	26	15	38	12	12	22	20	19	23
Peterboro.....	98	7	4	7	10	4	14	4	4	17	9	4	14
Prescott&Russell.	349	34	32	10	29	29	54	22	34	44	29	23	9
Prince Edward...	94	5	5	6	6	6	14	5	6	15	8	10	8
Rainy River.....	100	5	3	7	8	11	11	10	8	5	11	11	10
Renfrew.....	216	15	15	13	16	13	39	13	10	31	25	17	9
Simcoe.....	348	18	25	32	36	24	49	16	15	45	34	31	23

MARRIAGES BY MONTHS—COUNTIES, 1920—Continued.

Counties	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November	December.
Stormont, Dundas & Glengarry	348	27	27	24	24	27	48	20	17	42	31	30	31
Sudbury	129	7	3	7	17	13	12	8	12	13	18	12	7
Thunder Bay	37	4	1	.....	.....	2	8	2	5	9	3	2	1
Timiskaming	245	16	10	16	20	10	28	22	20	24	17	26	36
Victoria	102	3	7	13	10	5	13	9	5	14	9	4	10
Waterloo	190	21	15	18	12	9	25	9	9	26	15	13	18
Welland	323	10	10	19	27	26	48	29	30	40	31	31	22
Wellington	251	15	12	17	23	12	42	20	10	25	27	22	26
Wentworth	112	7	4	12	11	3	22	7	6	17	6	5	12
York	532	36	29	42	54	29	78	28	26	59	49	57	45

MARRIAGES BY MONTHS IN THE CITIES OF ONTARIO, 1920.

Cities	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November	December.
Total.....	16,694	1,088	952	981	1,499	1,272	2,349	1,317	1,352	1,861	1,569	1,213	1,241
Belleville.....	180	10	13	16	15	9	32	5	11	20	20	13	16
Brantford.....	382	19	24	29	50	35	55	22	34	41	31	19	23
Chatham.....	263	15	17	23	18	18	40	17	15	35	27	14	24
Fort William...	185	10	9	7	17	10	25	26	17	15	17	15	17
Galt.....	146	11	5	11	13	8	25	9	8	21	12	11	12
Guelph.....	225	18	12	18	17	15	29	16	14	26	24	19	17
Hamilton.....	1,632	125	92	86	141	111	254	138	105	196	160	122	102
Kingston.....	331	17	18	21	34	25	50	32	23	33	34	23	21
Kitchener.....	264	18	14	16	27	26	35	20	22	19	31	20	16
London	819	60	42	49	74	75	124	56	66	89	75	56	53
Niagara Falls....	411	16	16	15	24	40	44	54	39	50	43	40	30
Ottawa.....	1,369	86	100	50	173	107	180	95	110	165	120	81	102
Owen Sound....	154	15	12	12	17	15	23	11	5	12	11	4	17
Peterboro.....	262	18	15	21	31	20	37	6	11	40	17	20	26
Port Arthur.....	169	11	8	16	22	11	15	10	14	13	20	14	15
St. Catharines...	291	12	20	18	28	20	38	27	24	37	22	19	26
St. Thomas.....	226	19	11	9	34	14	32	13	12	22	25	17	18
Sarnia.....	226	14	12	7	17	15	25	25	21	32	20	18	20
Sault Ste. Marie.	268	11	13	8	20	25	39	29	23	38	20	23	19
Stratford.....	194	13	14	14	17	15	27	10	13	21	20	16	14
Toronto.....	7,600	501	419	472	624	571	1,089	599	662	810	725	557	571
Welland.....	154	12	7	8	15	12	15	14	21	15	11	14	10
Windsor.....	806	48	53	44	60	66	100	75	72	94	67	68	59
Woodstock.....	137	9	6	11	11	9	16	8	10	17	17	10	13

MARRIAGES BY MONTHS IN THE TOWNS OF ONTARIO, 1920.

Towns	Total.	January.	February	March.	April.	May.	June.	July.	August.	September	October.	November	December.
Total.....	2,132	146	130	97	187	155	316	162	200	267	154	169	149
Barrie.....	68	3	3	5	2	7	9	1	11	7	6	8	6
Brockville.....	126	8	10	10	9	8	25	9	8	16	9	5	9
Cobalt.....	70	3	3	7	8	7	15	6	9	4	4	4	.....
Collingwood.....	67	3	4	6	8	4	5	6	7	7	6	4	7
Cornwall.....	138	14	14	2	12	7	18	8	10	18	13	12	10
Dundas.....	47	3	3	.....	2	2	12	3	3	10	5	1	3
Hawkesbury.....	48	7	6	2	5	5	6	4	3	5	2	3	.....
Ingersoll.....	65	7	3	3	5	5	7	6	7	7	2	7	6
Kenora.....	54	2	3	4	7	3	7	3	7	8	6	3	1
Lindsay.....	129	8	8	8	8	11	19	8	14	21	6	12	6
Midland.....	51	3	3	.....	2	3	6	7	7	7	3	1	9
North Bay.....	161	14	8	7	12	15	17	13	12	22	13	17	11
Orillia.....	98	7	5	3	5	9	13	6	4	17	14	10	5
Oshawa.....	140	7	7	7	15	10	23	15	10	13	10	14	9
Parry Sound.....	79	8	5	2	7	6	10	5	7	6	8	9	6
Pembroke.....	76	10	6	1	7	4	14	8	6	7	3	6	4
Preston.....	65	3	4	5	8	1	11	6	3	10	5	3	6
Renfrew.....	68	3	3	3	9	4	12	2	7	7	3	11	4
Smith's Falls....	73	4	3	3	6	3	20	3	8	9	6	6	2
Sudbury.....	131	10	8	6	13	12	24	12	12	13	7	5	9
Timmins.....	81	5	1	1	10	11	15	5	9	6	1	7	10
Trenton.....	85	7	7	3	12	9	5	6	6	6	5	6	13
Walkerville.....	152	6	10	6	10	5	15	16	22	27	13	13	9
Waterloo.....	60	1	3	3	5	4	8	4	8	14	4	2	4

Marriages by Denominations in the Province of Ontario, 1920.

(Including Cities and Towns.)

GROOMS. / BRIDES.	Anglican.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Evangelical Association.	Hebrew.	Salvation Army.	Other Denominations.	Denomination not stated.	TOTAL BRIDES.
Anglican	4,274	1,044	933	310	266	30	35	2	.....	7	64	2	6,967
Presbyterian	868	3,800	1,009	153	213	36	48	7	4	5	48	3	6,194
Methodist	952	1,107	4,433	144	321	21	54	10	9	7	78	1	7,137
Roman Catholic	269	215	156	4,390	48	2	18	.....	7	1	28	1	5,135
Baptist	236	272	339	47	814	6	16	.....	.....	.....	22	.....	1,752
Congregationalist	26	24	27	11	5	58	3	1	.....	.....	4	.....	159
Lutheran	34	40	46	29	16	3	400	7	.....	.....	12	.....	587
Evangelical Assoc'n	4	8	12	1	8	1	16	66	.....	.....	4	.....	120
Hebrew	.....	1	3	2	2	.....	.....	.....	322	.....	.....	.....	330
Salvation Army	11	8	11	1	4	.....	.....	.....	.....	76	2	.....	113
Other Denominat'n.	38	52	70	12	14	.....	8	2	.....	3	405	.....	604
Denom. not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5	6
TOTAL GROOMS	6,712	6,571	7,039	5,100	1,711	157	598	95	342	99	668	12	29,104

Licenses, 25,177. Banns, 3,927.

Marriages by Ages in the Province of Ontario, 1920.

(Including Cities and Towns.)

BRIDES / GROOMS. AGE	15	20	25	30	35	40	45	50	55	60	65	70 & over	Not stated	TOTAL
15	602	3,274	1,267	279	92	23	5	4	1	1	.....	.....	.....	5,548
20	187	5,846	4,225	1,325	335	101	28	8	2	2	1	.....	.....	12,060
25	9	762	2,859	1,566	720	209	67	32	5	3	5	1	.....	6,238
30	5	76	445	910	546	257	125	48	16	5	4	1	.....	2,438
35	.....	10	63	206	417	285	191	94	35	17	4	.....	.....	1,322
40	.....	.....	8	32	89	183	151	94	56	24	4	5	.....	646
45	.....	.....	.....	6	30	59	93	86	50	23	13	4	.....	364
50	.....	.....	.....	1	1	12	24	79	39	32	16	16	.....	220
55	.....	1	.....	.....	.....	1	5	14	35	36	24	12	.....	128
60	.....	.....	.....	.....	.....	1	2	4	10	33	33	12	.....	95
65	.....	.....	.....	.....	.....	.....	1	.....	3	5	11	12	.....	32
70 & over	.....	.....	.....	1	.....	.....	.....	.....	.....	2	.....	8	.....	11
Age not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2
TOTALS	803	9,969	8,867	4,326	2,230	1,131	692	463	252	183	115	72	1	29,104

Marriages by Denominations in the Counties of Ontario, 1920.

(Excluding Cities and Towns.)

Grooms. / Brides.	Anglican.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Evangelical Association.	Hebrew.	Salvation Army.	Other Denominations.	Denomination not stated.	Total Brides.
Anglican	1,032	279	331	64	67	7	12	.....	.....	1	13	1	1,807
Presbyterian	235	1,368	441	32	73	11	23	5	.....	1	20	1	2,210
Methodist	353	512	2,168	29	117	5	25	7	1	3	35	1	3,256
Roman Catholic	49	39	37	19,25	10	.....	10	.....	.....	.....	4	.....	2,074
Baptist	47	78	147	6	266	1	7	.....	.....	.....	11	.....	563
Congregationalist	5	10	12	3	2	11	2	1	.....	.....	1	.....	47
Lutheran	12	21	23	7	6	2	194	6	.....	.....	5	.....	276
Evangelical Asso'n	1	5	9	1	5	.....	11	45	.....	.....	2	.....	79
Hebrew	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	4
Salvation Army	1	.....	4	.....	.....	.....	.....	.....	.....	4	1	.....	10
Other Denominati'n	11	22	32	.....	5	.....	5	1	.....	2	174	.....	252
Denom. not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
Total Grooms	1,746	2,334	3,204	2,067	551	37	289	65	5	11	266	4	10,579

Licenses, 8,808. Banns, 1,772.

Marriages by Ages in the Counties of Ontario, 1920.

(Excluding Cities and Towns.)

Brides. / Grooms. Age.	15	20	25	30	35	40	45	50	55	60	65	70 & over	Not stated	Total
15	224	1,269	558	137	56	11	2	3	.....	.....	.....	.....	.....	2,260
20	76	2,195	1,603	473	126	37	18	1	1	.....	.....	.....	.....	4,530
25	4	291	925	513	246	66	29	7	1	1	3	.....	.....	2,086
30	2	33	157	247	156	82	46	13	8	4	2	1	.....	751
35	.....	3	12	65	131	81	70	38	8	6	2	.....	.....	416
40	.....	.....	2	7	23	50	58	35	21	7	.....	2	.....	205
45	.....	.....	.....	4	8	16	28	35	12	11	5	1	.....	120
50	.....	.....	.....	1	.....	4	11	25	13	11	8	7	.....	80
55	.....	1	.....	.....	.....	1	1	5	13	16	15	7	.....	59
60	.....	.....	.....	.....	.....	1	.....	1	3	18	14	7	.....	44
65	.....	.....	.....	.....	.....	.....	1	.....	2	4	7	7	.....	21
70 over	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	4	.....	6
Age not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Totals	306	3,792	3,257	1,448	746	349	264	163	82	79	56	37	.....	10,576

Marriages by Denominations in the Cities of Ontario, 1920.

Grooms. / Brides.	Anglican.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Evangelical Association.	Hebrew.	Salvation Army.	Other Denominations.	Denomination not stated.	Total Brides.
Anglican	3,047	698	545	225	188	22	22	2	.....	6	49	1	4,805
Presbyterian	584	2,190	502	108	130	23	22	2	4	4	26	2	3,597
Methodist	537	531	1,965	101	187	15	28	2	8	4	39	.....	3,417
Roman Catholic	200	153	97	2,085	35	2	7	.....	7	1	23	1	2,611
Baptist	174	179	175	38	503	4	7	.....	.....	.....	11	.....	1,091
Congregationalist	20	13	13	8	2	46	1	.....	.....	.....	3	.....	106
Lutheran	21	18	21	20	9	1	184	1	.....	.....	7	.....	282
Evangelical Asso'n	3	3	3	.....	3	1	3	16	.....	.....	2	.....	34
Hebrew	.....	1	2	2	2	.....	.....	.....	317	.....	.....	.....	324
Salvation Army	10	8	7	1	4	.....	.....	.....	.....	67	.....	.....	97
Other Denom't'n	26	28	32	10	8	.....	3	1	.....	1	216	.....	325
Denom. not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	5
Total Grooms	4,622	3,822	3,362	2,598	1,071	114	277	24	336	83	377	8	16,694

Licenses, 14,817. Banns, 1,877.

Marriages by Ages in the Cities of Ontario, 1920.

Brides / Grooms. Age.	15	20	25	30	35	40	45	50	55	60	60	70 over	Not stated	Total
15	334	1,758	593	121	27	10	3	1	1	1	.....	.....	.....	2,849
20	100	3,286	2,343	782	192	58	7	7	1	1	1	.....	.....	6,778
25	4	436	1,771	965	427	126	34	24	4	2	2	1	.....	3,796
30	3	39	267	608	357	162	72	32	7	1	2	.....	.....	1,550
35	.....	6	48	134	262	194	104	53	25	11	2	.....	.....	839
40	.....	.....	6	23	64	119	87	56	34	15	4	3	.....	411
45	.....	.....	.....	2	18	40	55	47	37	12	8	2	.....	221
50	.....	.....	.....	.....	.....	7	12	52	24	18	8	8	.....	129
55	.....	.....	.....	.....	.....	.....	4	8	20	18	6	5	.....	61
60	.....	.....	.....	.....	.....	.....	2	3	6	15	16	4	.....	46
65	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3	5	.....	9
70 & over	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3	.....	4
Age not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
Total	441	5,525	5,028	2,635	1,347	716	380	283	160	95	52	31	1	16,694

Marriages by Denominations in the Towns of Ontario, 1920.

Grooms. \ Brides.	Anglican.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Evangelical Association.	Hebrew.	Salvation Army.	Other Denominations.	Denominations not stated.	Total Brides.
Anglican	195	67	57	21	11	1	1	.....	.....	.....	2	.....	355
Presbyterian	49	242	66	13	10	2	3	.....	.....	.....	2	.....	387
Methodist	62	64	300	14	17	1	1	1	.....	.....	4	.....	464
Roman Catholic	20	23	22	380	3	.....	1	.....	.....	.....	1	.....	450
Baptist	15	15	17	3	45	1	2	.....	.....	.....	.....	.....	98
Congregationalist	1	1	2	.....	.....	1	1	.....	.....	.....	.....	.....	6
Lutheran	1	1	2	2	1	.....	22	.....	.....	.....	.....	.....	29
Evangelical Asso'n	.....	.....	.....	.....	.....	.....	2	5	.....	.....	.....	.....	7
Hebrew	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	2
Salvation Army	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	1	.....	6
Other Denomin't'n	1	2	6	2	1	.....	.....	.....	.....	.....	15	.....	27
Denom. not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Grooms	344	415	473	435	89	6	32	6	1	5	25	.....	1,831

Licenses, 1,553. Banns, 278.

Marriages by Ages in the Towns of Ontario, 1920.

Brides \ Grooms. Age.	15	20	25	30	35	40	45	50	55	60	65	70 & over	Not stated	Total
15	44	247	116	21	9	2	.....	.....	.....	.....	.....	.....	.....	439
20	11	365	279	70	17	6	3	.....	.....	1	.....	.....	.....	752
25	1	35	163	88	47	17	4	1	.....	.....	.....	.....	.....	356
30	.....	4	21	55	33	13	7	3	1	.....	.....	.....	.....	137
35	.....	1	3	7	24	10	17	3	2	.....	.....	.....	.....	67
40	.....	.....	.....	2	2	14	6	3	1	2	.....	.....	.....	30
45	.....	.....	.....	.....	4	3	10	4	1	.....	.....	1	.....	23
50	.....	.....	.....	.....	1	1	1	2	2	3	.....	1	.....	11
55	.....	.....	.....	.....	.....	.....	.....	1	2	2	3	.....	.....	8
60	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3	1	.....	5
65	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	2
70 & over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Age not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	56	652	582	243	137	66	48	17	10	9	7	4	.....	1,831

Marriages by Denominations in the City of Hamilton, 1920.

GROOMS. / BRIDES.	Anglican.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Evangelical Association.	Hebrew.	Salvation Army.	Other Denominations.	Denomination not stated.	TOTAL BRIDES.
Anglican	338	57	60	26	19	2	1	.....	.....	.....	3	.....	506
Presbyterian	58	220	56	11	14	2	1	.....	.....	.....	2	.....	364
Methodist	53	48	174	9	12	3	4	.....	2	1	3	.....	309
Roman Catholic	18	15	7	167	2	.....	.....	.....	.....	.....	2	.....	211
Baptist	15	18	17	7	57	.....	1	.....	.....	.....	4	.....	119
Congregationalist	3	1	1	1	.....	10	.....	.....	.....	.....	.....	.....	16
Lutheran	1	1	1	1	.....	.....	7	.....	.....	.....	.....	.....	11
Evangelical Ass't'n	1	.....	.....	.....	.....	1	.....	4	.....	.....	.....	.....	6
Hebrew	.....	1	.....	.....	.....	.....	.....	.....	22	.....	.....	.....	23
Salvation Army	1	1	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	6
Other Denoms	3	4	8	3	.....	.....	.....	.....	.....	.....	43	.....	61
Denom. not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTAL GROOMS	491	366	324	225	104	18	14	4	24	5	57	.....	1,632

Marriages by Ages in the City of Hamilton, 1920.

BRIDES. / GROOMS. AGE.	15	20	25	30	35	40	45	50	55	60	65	70 & over	Not stated	TOTAL
15	34	191	64	11	1	1	.....	.....	1	.....	.....	.....	.....	303
20	14	326	229	85	16	4	1	.....	.....	.....	.....	.....	.....	675
25	.....	46	154	83	33	15	7	1	.....	.....	.....	.....	.....	339
30	1	4	33	67	38	15	5	.....	.....	.....	.....	.....	.....	163
35	.....	.....	5	15	23	17	6	.....	3	.....	.....	.....	.....	69
40	.....	.....	.....	.....	7	11	6	3	3	.....	.....	.....	.....	30
45	.....	.....	.....	.....	1	6	5	5	4	4	2	.....	.....	27
50	.....	.....	.....	.....	.....	2	1	5	2	3	1	.....	.....	14
55	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	3
60	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	3	.....	.....	5
65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2
70 & over	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Age not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
TOTALS	49	567	485	261	119	71	31	15	15	9	6	3	1	1,632

Marriages by Denominations in the City of London, 1920.

Grooms. \ Brides.	Anglican.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Evangelical Association.	Hebrew.	Salvation Army.	Other Denominations.	Denomination not stated.	Total Brides.
Anglican	160	37	32	6	17	...	1	.....	.....	.....	3	1	257
Presbyterian	24	79	24	5	10	1	1	.....	.....	1	2	.....	147
Methodist	50	33	96	9	19	.....	3	.....	1	.....	2	.....	213
Roman Catholic	3	5	3	54	2	.....	.....	.....	1	.....	1	.....	69
Baptist	15	27	14	3	47	....	1	.....	.....	.....	3	.....	110
Congregationalist	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Lutheran	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3
Evangelical Asso'n	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hebrew	.....	.....	.....	1	.....	.....	.....	.....	2	.....	.....	.....	3
Salvation Army	1	.....	.....	.....	1	.....	.....	.....	.....	4	.....	.....	6
Other Denomin't'ns	1	2	1	.....	1	.....	.....	.....	.....	.....	5	.....	10
Denom. not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Grooms	256	183	170	78	97	2	6	.....	4	5	17	1	819

Licenses, 745. Banns, 74.

Marriages by Ages in the City of London, 1920.

Brides \ Grooms. Age.	15	20	25	30	35	40	45	50	55	60	65	70 & over	Not stated	Total
15	14	78	25	2	2	.....	.....	.....	.....	.....	.....	.....	.....	121
20	5	175	113	42	9	2	1	1	.....	.....	.....	.....	.....	348
25	.....	26	99	30	15	7	.....	1	.....	.....	.....	.....	.....	178
30	1	2	15	30	17	6	1	.....	1	.....	.....	.....	.....	73
35	.....	.....	2	12	6	9	7	4	1	1	.....	.....	.....	42
40	.....	.....	.....	2	2	7	7	3	3	4	.....	.....	.....	28
45	.....	.....	.....	.....	2	2	4	3	3	.....	.....	.....	.....	14
50	.....	.....	.....	.....	.....	1	1	3	.....	3	.....	.....	.....	8
55	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	3
60	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	3
65	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
70 & over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Age not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	20	281	254	118	53	34	21	15	9	12	2	.....	.....	819

Marriages by Denominations in the City of Ottawa, 1920.

Grooms. / Brides.	Anglican.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Evangelical Association.	Hebrew.	Salvation Army.	Other Denominations.	Denomination not stated.	Total Brides.
Anglican	124	52	33	26	10	3	2	.....	.....	.....	3	.....	253
Presbyterian	52	132	24	11	9	3	1	.....	.....	.....	2	.....	234
Methodist	28	32	69	2	10	.....	3	.....	.....	.....	3	.....	147
Roman Catholic	36	36	6	557	2	1	.....	.....	.....	.....	1	.....	639
Baptist	6	9	4	3	12	.....	.....	.....	.....	.....	.....	.....	34
Congregationalist	4	1	1	.....	.....	4	.....	.....	.....	.....	.....	.....	10
Lutheran	2	3	4	2	1	.....	10	.....	.....	.....	.....	.....	22
Evangelical Asso'n	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hebrew	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	.....	.....	14
Salvation Army	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Other Denomin'n	1	.....	1	1	.....	.....	.....	.....	.....	.....	12	.....	15
Denom. not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Grooms	253	265	143	602	44	11	16	.....	14	.....	21	.....	1,369

Licenses, 1,056. Banns, 313.

Marriages by Ages in the City of Ottawa, 1920.

Brides / Grooms. Age.	15	20	25	30	35	40	45	50	55	60	65	70 & over	Not stated	Total
15	22	118	48	11	3	1	.....	.....	.....	.....	.....	.....	.....	203
20	14	299	190	69	19	6	.....	.....	1	.....	.....	.....	.....	598
25	1	46	129	83	35	13	1	4	.....	1	.....	.....	.....	313
M 30 ..	....	6	16	45	17	17	4	1	2..	....	1..	.....	....	109
35	.....	.....	7	9	19	13	9	6	3	.....	.....	.....	.....	66
40	.....	.....	.....	1	5	7	11	9	6	.....	.....	.....	.....	39
45	.....	.....	.....	.....	2	2	2	1	5	.....	3	.....	.....	15
50	.....	.....	.....	.....	.....	1	2	7	3	.....	1	1	.....	15
55	.....	.....	.....	.....	.....	.....	.....	.....	4	1	1	.....	.....	6
60	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	.....	.....	4
65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
70 & over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Age not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	37	469	390	218	100	60	29	29	25	2	8	2	.....	1,369

Grooms.

Brides

Marriages by Denominations in the City of Toronto, 1920.

Grooms. \ Brides.	Anglican.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Evangelical Association.	Hebrew.	Salvation Army.	Other Denominations.	Denomination not stated.	Total Brides.
Anglican	1,748	403	256	110	85	12	10	.....	.....	5	27	.....	2,656
Presbyterian	324	1,150	219	39	47	12	7	.....	4	1	13	.....	1,816
Methodist	245	241	798	38	62	3	3	.....	2	2	15	.....	1,409
Roman Catholic	87	47	41	568	19	1	3	.....	4	.....	7	.....	777
Baptist	79	65	66	9	193	1	1	.....	.....	.....	3	.....	417
Congregationalist	10	9	7	6	2	14	.....	.....	.....	.....	2	.....	50
Lutheran	3	2	1	1	2	.....	21	1	.....	.....	1	.....	32
Evangelical Assoc'n	.....	.....	1	.....	1	.....	.....	5	.....	.....	.....	.....	7
Hebrew	.....	.....	1	1	2	.....	.....	.....	258	.....	.....	.....	262
Salvation Army	2	5	4	1	1	.....	.....	.....	.....	39	.....	.....	52
Other Denomint'ns.	15	13	11	2	3	.....	1	.....	.....	1	74	.....	120
Denom. not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2
Total Grooms	2,513	1,935	1,405	775	417	43	46	6	268	48	142	2	7,600

Licenses, 6,866. Banns, 734.

Marriages by Ages in the City of Toronto, 1920.

Brides \ Grooms. Age.	15	20	25	30	35	40	45	50	55	60	65	70 & over	Not stated	Total
15	147	706	205	38	10	2	3	.....	.....	.....	.....	.....	.....	1,111
20	31	1,390	1,128	352	80	22	2	4	.....	1	.....	.....	.....	3,010
25	3	202	895	485	223	55	13	11	2	.....	2	1	.....	1,892
30	1	16	131	284	194	87	34	19	2	1	.....	.....	.....	769
35	.....	3	24	67	140	95	52	26	13	6	.....	.....	.....	426
40	.....	.....	3	14	27	56	37	28	14	6	2	2	.....	189
45	.....	.....	.....	1	10	18	22	22	20	6	2	1	.....	102
50	.....	.....	.....	.....	.....	3	7	25	10	5	2	4	.....	56
55	.....	.....	.....	.....	.....	.....	.....	5	7	9	1	3	.....	25
60	.....	.....	.....	.....	.....	.....	1	1	3	6	5	1	.....	17
65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
70 & over	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Age not stated	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	182	2,317	2,386	1,241	684	338	171	141	71	40	15	14	.....	7,600

CAUSES OF DEATH IN THE DISTRICT OF ALGOMA, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	289	71	12	9	3	3	11	4	10	18	15	16	17	29	26	36	8	164	125	....	223	48	18	150	127	12	20	42	33	21	23	14	17	25	26	26	21	21
I.—General Diseases.																																					
Group Total	70	6	3	6	..	2	5	2	4	9	5	7	6	5	5	3	2	38	32	....	57	9	4	36	32	2	1	11	7	4	9	1	2	3	9	9	7	7
6. Measles	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	....	2	....	....	2	....	....	..	..	..	..	..	..	..	..	..	..	2	..
7. Scarlet fever	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	....	2	....	....	2	....	....	..	..	..	..	1	..	..	..	..	..	..	1
8. Whooping cough	3	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	....	2	1	....	3	....	....	..	..	..	..	..	..	..	..	1	1	..	1
9. Diphtheria and croup	4	..	1	..	..	2	..	1	..	..	..	..	..	..	..	..	..	2	2	....	4	....	....	4	....	....	..	..	..	..	..	..	..	..	2	1	..	1
10. Influenza	12	2	1	2	..	1	..	..	..	2	..	1	..	..	2	..	1	7	5	....	11	....	1	7	4	1	..	8	3	1	..	..	..	..	..	..	..	..
14. Dysentery	3	..	..	1	..	1	..	..	..	..	..	..	1	..	..	..	..	1	2	....	2	....	1	2	....	1	..	..	..	..	..	..	..	..	3	..	..	..
18. Erysipelas	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	..	..	..	..	1	..	..	..	..	..	..	..
Total deaths from tuberculosis	22	..	..	..	..	2	1	2	6	4	3	1	2	..	..	1	10	12	....	18	2	2	11	11	....	..	..	..	2	6	1	..	3	3	3	2	2
28. Tuberculosis of the lungs	21	..	..	..	..	2	1	2	6	4	2	1	2	..	..	1	10	11	....	17	2	2	11	10	....	..	..	..	2	6	1	..	3	2	3	2	2
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	....	....	....	1	....	..	..	..	..	..	..	..	..	1	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	....	1	1	....	....	2	....	..	..	..	..	..	..	..	..	..	1	..	1
40. Cancer and other malignant tumors of the stomach, liver	4	..	..	..	..	..	..	..	..	..	1	..	1	1	1	..	..	2	2	....	4	....	....	....	4	....	..	..	..	..	..	..	..	..	1	2	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	....	1	....	....	1	....	..	..	..	..	1	..	..	..	..	..	..	..
44. Cancer and other malignant tumors of the skin	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	....	1	....	....	1	....	..	..	..	..	..	..	..	..	..	1	..	..
45 Cancer and other malignant tumors of other organs or of organs not specif'd	2	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	2	....	....	1	1	....	....	2	....	..	..	..	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	..	1	..	..	..	..	..	..	..	..
48. Chronic rheumatism and gout	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	....	1	....	....	1	....	....	1	..	..	..	..	..	..	..	..	..	..	..
50. Diabetes	4	..	..	..	..	..	..	..	..	1	1	..	2	..	..	..	..	3	1	....	3	1	....	1	3	....	..	..	1	1	..	..	..	..	..	1	1	..
54. Anaemia, chlorosis	3	..	..	..	1	..	..	1	..	..	..	..	1	..	..	..	..	2	1	....	3	....	....	1	2	....	..	..	1	1	..	..	..	1	..	..	..	..
56. Alcoholism (acute or chronic)	2	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	2	....	....	1	1	....	....	2	....	..	..	1	..	..	..	1	..	..	..	..	..
II.—Diseases of the Nervous System and the Organs of Special Sense.																																					
Group Total	21	5	..	..	..	1	..	1	..	..	2	1	2	4	3	2	..	14	7	....	18	2	1	9	10	2	2	4	2	1	..	1	1	..	3	3	2	2
61. Meningitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	1	..	..	..
64. Cerebral haemorrhage, apoplexy	6	1	..	..	..	..	..	..	..	..	..	..	..	3	..	2	..	3	3	....	4	2	....	1	5	....	..	..	2	..	..	..	1	..	2	..	1	..

ALGOMA—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
66. Paralysis without specified cause	6											1	1	1	3			4	2		5		1		5	1	2	2							2		
69. Epilepsy	3										2		1					2	1		3			2		1		1			1				1		
71. Convulsions of infants	3	3																3			3			3													1
73. Neuralgia and neuritis	1						1											1			1			1											1		
74. Other diseases of the nervous system	1					1													1		1			1													1
III.—Diseases of the Circulatory System																																					
Group Total	26	1										1	5	10	5	4		14	12		17	7	2	5	19	2	3	5	2	4	3	1	2	2	2	1		1
78. Acute endocarditis	1	1																1			1			1							1						
79. Organic diseases of the heart	18											1	3	8	4	2		7	11		12	4	2	2	15	1	2	3	2	3	2	1	1	2		1		1
81. Diseases of the arteries, atheroma, aneurism, etc.	7												2	2	1	2		6	1		4	3		2	4	1	1	2		1		1		2			
IV.—Diseases of the Respiratory System																																					
Group Total	36	17	2	1		1		1	2	3	1	2	2	3	1			21	15		31	5		25	10	1	1	15	4	4	5	1		2	2	1		1
89. Acute bronchitis	6	2				1									2	1		4	2		3	3		3	2	1		5			1						
90. Chronic bronchitis	1	1																1			1			1				1									
91. Bronchopneumonia	12	7		1				1	1	2								7	5		11	1		11	1		1	3	2		3			2			1
92. Pneumonia	17	7	2						1	1	1	2	2	1				9	8		16	1		10	7			6	2	4	2				2	1		
V.—Diseases of the Digestive System.																																					
Group Total	32	16	6	1	3		2			1	1				2			15	17		31		1	29	3		2	3	3	1		2	1	8	6	2	4	
100. Diseases of the pharynx	3		1		1		1											1	2		3			3													3
101. Diseases of the oesophagus	1				1														1		1			1						1							
102. Ulcer of the stomach	1														1			1			1				1										1		
103. Other diseases of the stomach (cancer excepted)	1										1							1			1				1			1								
104. Diarrhoea and enteritis (under 2 years)	21	16	5															10	11		21			21			2	1	2			1		8	4	2	1	
105. Diarrhoea and enteritis (2 years and over)	1			1														1			1			1								1					
108. Appendicitis and typhlitis	1					1													1		1			1					1							
109. Hernia, intestinal obstructions	1				1														1		1			1				1								
112. Hydatid tumor of the liver	1														1				1				1		1									1			
117. Simple peritonitis (non-puerperal)	1									1								1			1			1								1					
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																					
Group Total	9					1				1		1	2	3	1			6	3		6	3		1	8		1	1	2					1	1	2	1	
119. Acute nephritis	1					1													1		1			1											1		
120. Bright's disease	8									1		1	2	3	1			6	2		5	3			8		1	1	2					1	1	1	1

| | | |

ALGOMA—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
185. Fractures (cause not specified)	3	.	.	.	.	.	.	.	.	.	.	1	.	.	1	.	1	3	.	.	1	1	1	.	3	.	.	.	.	.	.	2	.	1	.	.	.	.
186. Other external violence	2	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	.	1	1	.	1	.	1	.	1	1	.	.	.	.	1	.	.	.	1	.	.	.
XIV.—Ill-Defined Diseases.																																						
Group Total	7	1	.	.	.	.	.	.	.	.	1	.	.	3	.	.	2	6	1	.	5	2	.	1	4	2	1	.	1	2	.	.	.	1	.	1	.	1
189. Cause of death not specified or ill-defined	7	1	.	.	.	.	.	.	.	.	1	.	.	3	.	.	2	6	1	.	5	2	.	1	4	2	1	.	1	2	.	.	.	1	.	1	.	1
Still-Births.																																						
Not included in totals	14	14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11	3	.	14	.	14	.	.	.	3	.	.	1	.	1	2	2	2	1	.	2

CAUSES OF DEATH IN THE COUNTY OF BRANT, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	275	40		6	2	1	1	2	9	4	13	18	9	24	40	58	41	7	113	162	....	220	51	4	102	162	11	17	56	35	25	31	12	14	20	9	17	22	17
1.—General Diseases.																																							
Group Total	83	8	1	2	1	1	2	6	3	6	13	2	7	12	11	3	5	29	54	....	71	12	....	37	45	1	2	19	16	8	8	3	7	5	..	5	5	5
1. Typhoid fever	1	....		....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....
5. Smallpox	1	1		....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
6. Measles	1	1		....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....
8. Whooping cough	1	1		....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....
9. Diphtheria and croup	4	1		....	....	....	....	1	....	....	....	....	....	....	....	....	2	....	....	4	....	3	1	....	4	....	....	....	....	....	....	....	....	....	....	....	1	....	....
10. Influenza	28	4	1	2	1	..	1	2	..	1	4	..	3	2	3	1	3	....	12	16	....	25	3	....	16	12	....	..	11	9	2	2	..	1	1	..	2	..	..
Total deaths from tuberculosis	18	....		....	....	....	1	....	....	3	3	7	1	1	2	....	....	....	6	12	....	16	2	....	7	10	1	..	3	1	2	1	3	2	1	..	1	..	4
28. Tuberculosis of the lungs	17	....		....	....	....	1	....	....	3	3	7	1	1	1	....	....	....	6	11	....	15	2	....	7	9	1	..	3	1	2	1	3	2	1	..	1	..	3
31. Abdominal tuberculosis	1	....		....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	U	....	....	1
39. Cancer and other malignant tumors of the buccal cavity	2	....		....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	1	....	2	....	....	....	2	....	....	....	....	....	1	....	....	....	....	....	1	..
40. Cancer and other malignant tumors of the stomach, liver	4	....		....	....	....	....	....	....	....	....	....	....	....	2	2	....	....	....	4	....	2	2	....	....	4	....	1	1	2	....	....	....	....	....	....	....	....	....
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	....		....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	1	....	2	....	....	....	2	....	....	....	....	....	1	....	....	....	....	1	....	....
43. Cancer and other malignant tumors of the breast	2	....		....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	2	....	2	....	....	....	2	....	1	....	....	1	....	....	....	....	....	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	5	....		....	....	....	....	....	....	....	....	1	1	....	1	....	2	..	2	3	....	3	2	....	....	5	....	....	....	1	1	2	....	....	....	....	....	1	..
46. Other tumors (tumors of the female genital organs excepted)	1	....		....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....
47. Acute articular rheumatism	2	....		....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	2	....	2	....	....	2	....	....	....	1	....	....	....	....	....	1	....	....	....	....
48. Chronic rheumatism and gout	1	....		....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....
50. Diabetes	1	....		....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
51. Exophthalmic goitre	1	....		....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	..
52. Addison's disease	1	....		....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....
53. Leuchaemia	1	....		....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
54. Anaemia, chlorosis	6	....		....	....	....	....	....	1	....	....	....	....	3	..	2	....	....	3	3	....	5	1	....	1	5	....	..	1	1	....	....	....	3	1	....	....	....	....

BRANT—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	21	2	2								1	2	3	3	3	5		8	13		18	3		6	15		2	5	2	1			3	1	1	1	3	2
61. Meningitis	3	1									1	1						2	1		3			1	2			1				1			1		
63. Other diseases of the spinal cord	1												1						1		1				1			1									
64. Cerebral haemorrhage, apoplexy	12										1		2	2	2	5		2	10		10	2		2	10		2	3	1	1			1	1	1	2	
68. Other forms of mental alienation	1													1				1				1			1											1	
71. Convulsions of infants	3	1	2															2	1		3			3				1				1					1
74. Other diseases of the nervous system	1														1			1			1				1												1
III.—Diseases of the Circulatory System																																						
Group Total	43	1								1	1	1	7	10	15	6	1	22	21		31	11	1	7	34	2	2	8	6	6	4	4		2	1	3	7	
78. Acute endocarditis	2												2						2		1	1		1	1				2								
79. Organic diseases of the heart	19									1	1	1	2	4	7	2	1	9	10		13	5	1	2	16	1	1	4	4	2	1	3		1		3	
81. Diseases of the arteries, atheroma, aneurism, etc.	17												1	5	7	4		9	8		12	5		2	14	1	1	4		4	2	1		2		2	1	
82. Embolism and thrombosis	2													1	1			2			2				2											2	
84. Diseases of the lymphatic system (lymphangitis, etc.)	1	1																1			1			1												1	
85. Haemorrhage; other diseases of the circulatory system	2												2					1	1		2			1	1						1				1		
IV.—Diseases of the RespiratorySystem																																						
Group Total	31	4						2		1	1	1	1	5	13	3		9	22		25	6		11	18	2	2	5	4	2	7	1	1	1	1	2	1	4
89. Acute bronchitis	2	2																	2		2			2					1								1
90. Chronic bronchitis	5											1		1	3			3	2		5			1	4			1	2		1			1			1
91. Broncho-pneumonia	3	1						1							1	1		1	2		2	1		2	1							1					1
92. Pneumonia	16	1						1		1	1		1	3	7	1		4	12		13	3		6	8	2	1	4	1	2	2		1	1		2	1	1
93. Pleurisy	2														2				2		1	1			2			1			1						
96. Asthma	3												1	1	1			1	2		2	1			3						3						
V.—Diseases of the Digestive System.																																						
Group Total	10	2	1								1		2	1	1	2		4	6		8	1	1	4	5	1	1		1	2				2	3	1		
103. Other diseases of the stomach (cancer excepted)	4												2			2		2	2		2	1	1		3	1			2						2		
104. Diarrhoea and enteritis (under 2 years)	2	2																	2		2			2									1	1			
110. Diseases of the intestines	1	1																1			1			1				1									
113. Cirrhosis of the liver	2													1	1			1	1		2			1	1								1		1		
117. Simple peritonitis (non-puerperal)	1										1								1		1				1				1								

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BRANT—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIV.—Ill-Defined Diseases.																																						
Group Total	4	1	..	..	..	..	..	..	1	..	..	..	2	..	..	..	..	3	1	....	3	1	....	2	2	....	..	2	..	1	..	..	1	..	..	..	..	..
189. Cause of death not specified or ill-defined	4	1	..	..	..	..	..	..	1	..	..	..	2	..	..	..	..	3	1	....	3	1	....	2	2	....	..	2	..	1	..	..	1	..	..	..	..	..
Still Births.																																						
Not included in totals	13	13	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	6	....	13	....	....	13	....	....	1	1	..	3	..	..	..	1	1	3	2	1

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	579	60	12	8	7	1	13	17	18	32	27	21	43	94	105	119	2	316	263	....	424	146	9	203	371	5	53	61	65	49	43	47	46	52	43	34	43	43
I.—General Diseases.																																						
Group Total	155	7	2	3	4	..	8	8	8	17	12	11	20	26	20	7	2	79	76	....	138	16	1	59	94	2	13	11	17	11	13	16	13	14	15	9	10	13
1. Typhoid fever	3	....	..	..	..	..	..	1	..	1	1	..	..	..	..	..	..	1	2	....	3	....	....	2	1	....	..	..	..	..	..	1	1	..	..	..	1	..
5. Smallpox	3	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	3	..	....	3	....	....	3	..	....	..	..	..	1	..	..	..	2	..	..	..	..	..
6. Measles	6	2	..	..	1	..	3	..	..	..	..	..	..	..	..	..	..	3	3	....	6	....	....	6	..	....	..	..	..	..	1	3	2	..	..	..	..	..
7. Scarlet fever	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	..	....	..	..	..	..	..	..	1	..	..	..	..	..	..
8. Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	..	1
9. Diphtheria and croup	4	1	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	3	1	....	4	....	....	4	..	....	..	..	..	..	1	..	..	..	2	..	..	1
10. Influenza	20	2	..	1	1	..	..	..	1	4	2	1	2	1	2	3	..	9	11	....	18	2	....	9	11	....	..	..	5	11	2	..	1	..	..	..	..	1
14. Dysentery	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	..	....	..	..	..	..	..	..	..	..	..	..	1	..
20. Purulent infection and septicaemia	3	....	..	..	..	..	..	1	..	..	1	..	..	..	..	1	..	2	1	....	2	1	....	1	2	....	..	1	..	1	..	..	..	..	..	..	..	1
Total deaths from tuberculosis	37	....	..	..	1	..	3	3	4	8	4	2	5	5	..	..	2	20	17	....	35	2	....	16	21	....	3	1	1	3	5	7	..	4	5	1	3	4
28. Tuberculosis of the lungs	34	....	..	..	..	..	2	3	4	8	4	2	5	4	..	..	2	18	16	....	32	2	....	14	20	....	3	1	1	3	5	7	..	4	4	..	3	3
30. Tuberculous meningitis	2	....	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	1	1	....	2	....	....	2	..	....	..	..	..	..	..	..	..	..	1	..	..	1
32. Pott's disease	1	....	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	....	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..
36. Rickets	1	....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	1	....	....	1	..	....	..	..	..	..	..	..	1	..	..	..	..	..
37. Syphilis	1	....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	....	1	....	1	....	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	6	....	..	..	..	..	..	..	..	..	..	..	1	1	3	1	..	5	1	....	6	....	....	....	6	....	..	..	..	..	2	..	1	..	..	1	1	1
40. Cancer and other malignant tumors of the stomach, liver	9	....	..	..	..	..	..	..	..	..	..	..	5	3	1	..	..	5	4	....	9	....	....	....	9	....	..	2	..	1	..	1	1	1	1	2	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	7	....	..	..	..	..	..	..	..	..	..	..	1	1	4	1	..	3	4	....	4	3	....	....	7	....	1	..	..	1	..	1	..	1	..	1	2	..
42. Cancer and other malignant tumors of the female genital organs	3	....	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	....	3	....	2	....	1	....	3	....	..	..	..	..	..	..	..	1	2	..	..	..
43. Cancer and other malignant tumors of the breast	3	....	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	....	3	....	2	1	....	1	2	....	1	..	..	..	..	..	1	..	1	..	..	..
44. Cancer and other malignant tumors of the skin	1	....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	....	....	....	1	....	..	..	..	1	..	..	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	9	....	..	..	..	..	..	..	..	1	1	..	2	2	3	..	..	7	2	....	6	3	....	....	9	....	3	1	1	..	..	..	2	1	..	..	1	..

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
46. Other tumors (tumors of the female genital organs excepted)	1									1								1			1			1											1		
47. Acute articular rheumatism	2							1				1							2		1	1		1	1		1								1		
48. Chronic rheumatism and gout	4									1			1		2			1	3		4			2	2			1					2	1			
50. Diabetes	10			1			2			1	1	2		1	2			3	7		9	1		5	5		2		1	1		2			1	1	2
51. Exophthalmic goitre	4											1	1	2				2	2		4			1	1	2		1			1				1		1
53. Leuchaemia	1												1						1		1				1									1			
54. Anaemia, chlorosis	12										2	1		6	2	1		6	6		10	2		1	11		1		2	1	2	1	1	1	2		1
55. Other general diseases	1											1						1			1				1						1						
57. Chronic lead poisoning	1											1						1			1			1			1										
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	64	8	1	1	2		1			4	1	1	6	14	13	12		34	30		49	14	1	22	42		8	9	11	4	5	8	3	4	4	2	4	2
60. Encephalitis	2													2				2			2			1	1											2	
61. Meningitis	1			1										1				1			1			1							1					
63. Other diseases of the spinal cord	3		1											2				2	1		3			2	1			1	1			1				
64. Cerebral haemorrhage, apoplexy	25												3	5	7	10		10	15		18	6	1	1	24		2	4	2	4	3	5	1	2	1		1
66. Paralysis without specified cause	11				2									2	5	2		7	4		5	6		2	9		1	1	4		2		1	1	1		
67. General paralysis of the insane	1													1					1		1				1							1					
69. Epilepsy	3									1			1	1				2	1		2	1		2	1		1	1						1		
71. Convulsions of infants	8	8																8			8			8				1	2		1	1	1	1		1	
72. Chorea	1										1								1		1			1			1										
73. Neuralgia and neuritis	6									2		1	1	1	1				6		5	1		2	4		3	1							1	1
74. Other diseases of the nervous system	3						1			1			1					2	1		3			2	1				2		1					
III.—Diseases of the Circulatory System																																					
Group Total	87	2							2	2	2		1	19	34	25		46	41		50	33	4	13	72	2	10	11	4	5	6	3	6	12	8	4	9	9
78. Acute endocarditis	5	1							1					1	2			3	2		3	1	1	2	3			3		1							1
79. Organic diseases of the heart	51								1	2	2			12	22	12		27	24		29	19	3	7	42	2	5	5		2	5	2	5	9	5	2	5	6
80. Angina pectoris	2													1		1		1	1		1	1			2			2									
81. Diseases of the arteries, atheroma, aneurism, etc.	23												1	3	8	11		10	13		13	10		1	22		5		3	2		1	1	3		2	4	2
82. Embolism and thrombosis	4													2	1	1		3	1		2	2		2	2			1		1				2			
84. Diseases of the lymphatic system (lymphangitis, etc.)	1	1																1			1			1											1		
85. Haemorrhage; other diseases of the circulatory system	1														1			1			1				1				1							
IV.—Diseases of the Respiratory System																																					
Group Total	62	4	4	2	1		2	4		4	6	4	3	11	8	9		31	31		53	9		29	33		6	11	9	4	4	4	4	4	2	2	6	6
88. Diseases of the thyroid body	1														1				1		1			1				1									
89. Acute bronchitis	2	1												1				1			1	1		1	1				1			1					
90. Chronic bronchitis	4													1	1	2		3	1		3	1		1	3		1			1					1	1	

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BRUCE—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1													1				1			1				1		1												
149. Other diseases of the organs of locomotion	1													1				1			1				1		1												
X.—Congenital Malformations.																																						
Grand Total	4	4																3	1		4			4					2			1						
150. Congenital malformations (still-births not included	4	4																3	1		4			4					2			1						
XI.—Diseases of Early Infancy.																																						
Group Total	32	32																18	14		32			32			2	6	3	4		4	2	2	4	4		1
151. Congenitaldebility,icterus,and sclerema	30	30																17	13		30			30			2	6	3	4		3	2	2	3	4		1
152. Other diseases peculiar to early infancy	2	2																1	1		2			2								1			1			
114. XII.—Old Age.																																						
Group Total	64													1	9	54		32	32		20	43	1	8	55	1	8	7	4	8	5	4	5	6	3	5	3	6
XIII.—Affections Produced by External Causes.																																						
Group Total	28	1	1			1	1	4	1	1	3	6	2	2	5			20	8		18	9	1	11	17		2		1	3	1	4	7	4		3	3	3
157. Suicide by hanging or strangulation	1												1					1			1			1													1	1
165. Other acute poisonings	2		1										1					1	1		2			1	1							1		1				
167. Burns (conflagration excepted)	1															1			1			1			1		1										
169. Accidental drowning	6					1		2		1			2					6			3	2	1	4	2						3	3						
170. Traumatism by firearms	2						1				1							1	1		2			1	1										1			
172. Traumatism by fall	2											1				1		2			2				2					1					1			
175. Traumatism by other crushing																																						
(a) Railroad																																						
(b) Street car																																						
(c) Automobile																																						
(d) Other crushing	2							1				1						2			1	1		1	1		1			1								
176. Injuries by animals	1												1					1				1									1							
183. Homicide by cutting or piercing instruments	1	1									1							1			1			1								1						
184. Homicide by other means	1																	1			1				1								1					
185. Fractures (cause not specified)	7							1						1	2	3		2	5		3	4		1	6				1			3	1		1	1		
186. Other external violence	2										1	1						2			2			1	1											1		

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CAUSES OF DEATH IN THE COUNTY OF CARLETON, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	Jantuary.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	493	142	15	12	4	3	7	8	12	11	34	27	28	51	65	73	1	245	248	....	417	66	10	240	239	14	34	68	52	40	42	35	40	38	44	32	30	38
I.—General Diseases.																																						
Group Total	121	9	4	5	2	1	2	6	4	6	22	13	8	18	14	6	1	47	74	....	101	15	5	48	67	6	9	20	18	11	13	9	7	5	13	6	6	4
1 Typhoid fever	2	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2	....	1	..	1	1	1	..	..	..	1	..	..	..	..	..	..	..	1	..
6. Measles	2	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	....	2	..	..	2	..	..	..	1	1	..	..	..	..	..	..	..	..	..
8. Whooping cough	5	4	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	....	5	..	..	5	..	..	..	1	..	..	..	1	1	..	1	..	1	..
9. Diphtheria and croup	5	..	..	3	1	..	..	1	..	..	..	..	..	..	..	..	..	..	5	....	5	..	..	5	..	..	2	..	2	..	..	..	..	..	..	1	..	..	..
10. Influenza	30	4	1	1	..	..	1	2	1	..	1	9	2	2	1	4	..	1	17	13	....	23	6	1	13	15	2	..	15	11	1	3	..	..	..	..	..	..	..
24. Tetanus	2	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	1	....	1	..	1	1	1	..	..	..	..	..	1	..	..	..	..	1	..	..
Total deaths from tuberculosis	28	1	1	..	1	..	1	2	1	4	8	6	..	3	..	..	..	9	19	....	26	2	....	13	14	1	2	3	2	2	6	2	3	3	3	1	1	..
28. Tuberculosis of the lungs	24	..	1	..	1	..	..	2	..	4	8	5	..	3	..	..	..	9	15	....	22	2	....	10	13	1	2	2	2	1	5	2	3	2	3	1	1	..
30. Tuberculous meningitis	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
32. Pott's disease	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	8	..	..	..	..	..	..	1	..	..	..	..	1	3	2	1	..	5	3	....	7	..	1	1	7	..	..	..	..	3	..	..	..	..	1	1	2	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	4	..	..	..	..	..	..	..	..	..	1	1	1	1	..	..	..	1	3	....	4	..	..	1	3	..	..	..	..	..	..	..	..	..	2	..	..	2
42. Cancer and other malignant tumors of the female genital organs	4	..	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	4	....	3	1	..	..	4	..	1	..	..	1	..	1	1	..	..	..	..	..
44. Cancer and other malignant tumors of the skin	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	12	..	..	..	..	..	..	..	..	..	1	1	2	3	3	2	..	6	6	....	10	2	....	2	8	2	1	..	..	1	2	1	1	2	2	1	1	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..
48. Chronic rheumatism and gout	3	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	1	2	....	2	1	..	1	2	..	..	..	..	1	1	..	..	..	1	..	..	..	..
50. Diabetes	5	..	..	..	..	..	..	..	..	..	..	..	..	2	2	1	..	..	5	....	3	2	..	..	5	..	1	..	..	..	..	1	1	..	1	..	..	1
54. Anaemia, chlorosis	6	..	1	..	..	..	..	..	..	..	..	..	..	4	..	1	..	2	4	....	5	..	1	2	3	1	..	..	1	1	1	1	..	..	..	2	..	..	..
55. Other general diseases	2	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	2	....	1	1	..	1	1	..	1	..	..	..	..	..	..	..	1	..	..	..	..

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CARLETON—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	18							1	1		1	1	3	3	4	4		11	7		16	2		3	15			1	1	1	2	1	4	2	1	1	2	2
119. Acute nephritis	3							1	1					1				1	2		3			2	1					1		2					
120. Bright's disease	9										1	1	1	2	2	2		6	3		8	1		1	8			1	1		1	1		1	1	1	1
124. Disease of the bladder	2												2					1	1		2				2								1				1
126. Diseases of the prostate	3														1	2		3			2	1			3					1		1					
131. Cysts and other tumors of the ovary	1														1				1		1				1										1		
VII.—The Puerperal State.																																						
Group Total	1										1								1		1				1										1			
137. Puerperal septicaemia	1										1								1		1				1										1			
X.—Congenital Malformations.																																						
Group Total	8	7			1													4	4		8			8			1			1	2	1		1	1		1	
150. Congenital malformations (still-births not included)	8	7			1													4	4		8			8			1			1	2	1		1	1		1	
XI.—Diseases of Early Infancy.																																						
Group Total	49	49																21	28		49			49			4	3	2	4	5	3	5	5	3	4	5	6
151. Congenital debility, icterus, and sclerema	46	46																20	26		46			46			4	2		4	5	3	5	5	3	4	5	6
152. Other diseases peculiar to early infancy	3	3																1	2		3			3				1	2								
154. XII.—Old Age.																																						
Group Total	32													3	6	23		14	18		23	8	1	3	27	2	1	5	3	5	3	3	2		1	2	3	4
XIII.—Affections Produced by External Causes.																																						
Group Total	13	1	1					1	4	1	2	1		1		1		9	4		9	3	1	7	4	2		1		1		3	3	3			1	1
157. Suicide by hanging or strangulation	1									1								1			1			1						1								
168. Absorption of deleterious gases (conflagration excepted)	1	1																1			1			1									1					
169. Accidental drowning	4							1	1		1			1				3	1		3	1			2	2							2	2				
170. Traumatism by firearms	1										1							1				1		1										1				
175. Traumatism by other crushing	2							1		1								2				1	1	1	1			1				1						

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	187	16	3	2	1	3	2	1	..	15	5	8	21	37	40	33	..	94	93	..	143	40	4	49	136	2	19	27	18	9	16	16	13	14	12	15	17	11
I.—GENERAL DISEASES.																																					
Group Total	56	1	..	1	1	2	..	..	..	8	3	5	10	14	9	2	..	26	30	....	46	9	1	13	43	....	3	14	6	5	1	6	4	3	5	4	4	1
6. Measles	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	1	..	..	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..
9. Diphtheria and croup	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	....	..	..	..	..	..	1	..	..	..	..	..	..
10. Influenza	9	..	..	1	..	..	..	..	..	3	2	..	1	1	..	1	..	3	6	....	8	1	....	3	6	....	..	..	8	..	..	..	1	..	..	..	..	..
18. Erysipelas	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	..	1	..	..	..	..	..
Total deaths from tuberculosis	8	..	..	..	1	..	..	..	..	4	1	1	..	..	1	..	..	3	5	....	8	..	....	3	5	....	1	..	2	1	..	1	..	1	..	1	..	1
28. Tuberculosis of the lungs	6	..	..	..	..	..	..	..	..	4	..	1	..	..	1	..	..	2	4	....	6	..	....	2	4	....	1	..	2	..	..	..	..	1	..	1	..	1
30. Tuberculous meningitis	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	1	..	..	..	..	..
32. Pott's disease	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	10	..	..	..	..	..	..	..	..	..	..	..	1	4	4	1	..	6	4	....	7	3	....	2	8	....	..	2	..	2	..	1	2	..	2	1	..	..
41. Cancer and other malignant tumors of peritonaeum, intestines, rectum	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	....	1	1	....	..	2	....	..	..	1	..	..	..	..	1	..	..	..	..
42. Cancer and other malignant tumors of the female genital organs	3	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	3	....	2	1	....	..	3	....	..	..	1	..	..	..	..	..	1	..	1	..
43. Cancer and other malignant tumors of the breast	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	1	..
45. Cancer and other malignant tumors of other organs or of organs not specified	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	3	..	....	2	1	....	1	2	....	..	..	..	..	..	..	1	..	..	1	1	..
46. Other tumors (tumors of the female genital organs excepted)	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	1	....	1	1	....	..	2	....	..	..	..	1	..	..	1	..	..	..	..	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	....	2	..	....	1	1	....	..	..	..	..	..	..	..	..	1	..	1	..
50. Diabetes	5	..	..	..	..	1	..	..	..	..	..	..	1	2	1	..	..	4	1	....	4	1	....	1	4	....	1	3	..	..	..	1	..	..	..	..	..	..
51. Exophthalmic goitre	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	....	1	..	1	..	2	....	..	1	..	..	..	..	..	..	..	1	..	..
52. Addison's disease	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	....	2	..	....	..	2	....	..	..	1	..	..	..	..	1	..	..	..	..
53. Leuchaemia	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	1	..	..	..	..	..	..	..	..	..
54. Anaemia, Chorosis	3	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	..	3	....	3	..	....	..	3	....	..	..	..	..	1	1	..	..	..	..	1	..
II.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																																					
Group Total	14	..	..	..	..	..	..	..	..	..	1	..	1	2	5	5	..	5	9	....	8	5	1	1	12	1	3	..	2	..	..	2	1	2	..	2	1	1
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	....	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..
64. Cerebral haemorrhage, apoplexy	8	..	..	..	..	..	..	..	..	..	..	..	1	3	4	..	..	3	5	....	4	3	1	..	8	..	3	..	1	..	..	1	..	..	..	2	1	..

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DUFFERIN—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
X.—Congenital Malformations.																																						
Group Total	1	1																1			1			1														1
150 Congenital malformations (still-births not included)	1	1																1			1			1														1
XI.—Diseases of Early Infancy.																																						
Group Total	12	12																10	2		12			12			2		1		2	2		1	1		1	2
151. Congenital debility, icterus, and sclerema	9	9																7	2		9			9			1		1		1	2		1	1		1	1
152. Other diseases peculiar to early infancy	3	3																3			3			3			1					1						1
154. XII.—Old Age.																																						
Group Total	9													2	7			5	4		5	4			9		1	3		1	2			1			1	
XIII.—Affections Produced by External Causes.																																						
Group Total	9	1	1			1	1			1			1		2	1		6	3		8	1		4	5				1		2	1		1	1	1	1	1
169. Accidental drowning	1			1															1		1			1							1							
172. Traumatism by fall	1														1			1			1				1											1		
174. Traumatism by machine	1					1												1			1			1										1				
175. Traumatism by other crushing	2						1									1		2			2			1	1				1						1			
(a) Railroad																																						
(b) Street car																																						
(c) Automobile																																						
(d) Other crushing	2						1									1		2			2			1	1				1						1			
176. Injuries by animals	1														1			1			1				1											1		
186. Other external violence	3	1								1			1					1	2		2	1		1	2						1	1						1
XIV.—Ill-Defined Diseases.																																						
Group Total	2												1	1				2			2				2								1				1	
189. Cause of death not specified or ill-defined	2												1	1				2			2				2								1				1	
Still-Births.																																						
Not included in totals	14	14																7	7		14			14			3	1	1		1	1	1	1	2			3

CAUSES OF DEATH IN THE COUNTY OF ELGIN, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0–1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	Sentember.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	357	39	2	5	5	3	8	5	5	19	23	23	32	39	77	69	3	176	181	....	281	63	13	114	230	13	42	51	41	28	33	24	24	19	20	23	28	24
I.—GENERAL DISEASES.																																						
Group Total	100	3	..	3	2	1	5	3	1	11	16	11	7	16	12	9	..	52	48	....	87	13	....	34	63	3	12	26	17	5	8	8	8	2	3	2	6	3
1. Typhoid fever	2	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	1	1	....	2	....	....	1	....	1	....	....	....	....	....	1	..	1	....	....	....	....	..
7. Scarlet fever	2	....	....	....	....	1	..	1	....	....	....	....	....	....	....	....	....	2	....	....	2	....	....	2	....	....	2	....	....	....	....	....	....	....	....	....	....	....	..
8. Whooping cough	4	1	....	....	....	....	1	1	1	....	....	....	....	....	....	....	....	3	1	....	4	....	....	4	....	....	2	..	1	....	....	....	....	1	....	....	....	....	..
9. Diphtheria and croup	4	....	....	1	....	....	2	1	....	....	....	....	....	....	....	....	....	....	4	....	4	....	....	4	....	....	1	....	1	....	....	2	....	....	....	....	....	....	..
10. Influenza	26	2	..	2	2	..	1	..	..	8	7	2	....	....	1	1	..	13	13	....	24	2	....	10	16	....	..	17	8	1	....	....	....	....	....	....	....	....	..
18. Erysipelas	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	..
20. Purulent infection and septicaemia	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	2	....	2	....	....	....	2	....	1	....	....	....	....	....	....	....	....	1	....	....	..
Total deaths from tuberculosis	15	....	....	....	....	....	1	....	....	1	5	2	2	3	1	....	....	10	5	....	9	6	....	7	7	1	3	2	2	2	..	2	2	....	....	1	1	..
28. Tuberculosis of the lungs	12	....	....	....	....	....	1	....	....	1	2	2	2	3	1	....	....	7	5	....	8	4	....	5	7	....	3	2	2	2	....	1	....	1	1	..	..
29. Acute miliary tuberculosis	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	..
30. Tuberculous meningitis	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	..
34. Tuberculosis of other organs	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	..
39. Cancer and other malignant tumors of the buccal cavity	2	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	2	....	....	1	1	....	2	....	....	....	....	....	....	....	1	1	....	....	....	....	..
40. Cancer and other malignant tumors of the stomach, liver	9	....	....	....	....	....	....	....	....	....	....	1	2	4	1	1	..	4	5	....	8	1	....	....	9	....	1	1	1	..	2	1	..	1	....	1	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	6	....	....	....	....	....	....	....	....	....	....	....	3	2	1	....	....	3	3	....	5	1	....	....	6	....	1	....	....	1	1	....	....	1	....	....	1	..
42 Cancer and other malignant tumors of the female genital organs	3	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	3	....	3	....	....	....	3	....	....	1	....	....	1	....	....	....	....	....	1	..
43. Cancer and other malignant tumors of the breast	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	..
45. Cancer and other malignant tumors of other organs or of organs not specified	7	....	....	....	....	....	....	....	....	....	....	1	1	2	1	2	..	2	5	....	6	1	....	2	5	....	1	..	2	..	..	3	..	..	....	....	....	1
47. Acute articular rheumatism	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	..
48. Chronic rheumatism and gout	3	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	2	1	....	3	....	....	....	3	....	....	1	....	....	....	1	1	....	....	....	....	....	..
50 Diabetes	3	....	....	....	....	....	....	....	....	1	....	1	....	1	....	....	....	2	1	....	3	....	....	1	2	....	....	1	....	....	....	1	....	....	....	....	....	1	..
51. Exophthalmic goitre	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	..	1	....	....	....	....	....	....	....	....	....	....	..
54. Anaemia, chlorosis	8	....	....	....	....	....	....	....	....	....	....	....	2	1	2	2	1	6	2	....	8	....	....	....	7	1	..	2	2	..	1	..	1	..	1	....	....	1	..

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	34	2	1	1	1	2	1	..	..	2	1	1	5	5	10	2	..	14	20	..	28	4	2	13	20	1	5	2	3	1	3	5	2	1	1	5	4	2
61. Meningitis	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
62. Locomotor ataxia	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	..	1	..	..	..	2	..	..	..	..	..	..	1	..	1	..	..	..	..
63. Other diseases of the spinal cord	2	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	2	..	2	..	..	1	1	..	..	..	..	..	..	1	..	..	..	..	..	1
64. Cerebral haemorrhage, apoplexy	11	..	..	..	..	..	..	..	..	..	1	..	3	2	3	2	..	5	6	..	9	2	..	1	9	1	1	1	3	..	2	1	..	..	1	1	1	..
65. Softening of the brain	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
66. Paralysis without specified cause	6	..	..	..	..	..	..	..	..	..	1	..	1	1	3	..	..	4	2	..	5	1	..	1	5	..	1	..	..	..	..	..	2	..	..	1	2	..
69. Epilepsy	3	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	1	2	..	3	..	..	3	..	..	1	..	..	..	..	..	..	..	..	1	..	1
70. Convulsions (non-puerperal)	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	4	2	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	2	2	..	3	1	..	4	..	..	..	..	1	..	1	..	1	..	..	1	..	..
74. Other diseases of the nervous system	2	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	1	..	1	1	1	..	..	..	..	..	1	1	..	..	..	..	..	..
75. Diseases of the eyes and their annexa	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
III.—Diseases of the Circulatory System																																					
Group Total	64	..	..	..	..	..	..	..	..	..	1	4	17	8	21	12	1	28	36	..	46	14	4	9	54	1	6	5	8	5	3	4	7	5	5	4	9	3
79. Organic diseases of the heart	38	..	..	..	..	..	..	..	..	..	1	4	11	3	11	7	1	16	22	..	26	9	3	4	34	..	5	4	5	1	..	1	3	4	4	3	7	1
80. Angina pectoris	5	..	..	..	..	..	..	..	..	..	..	..	1	2	2	..	..	2	3	..	4	1	..	1	4	..	..	..	..	2	..	..	1	1	..	1	..	..
81. Diseases of the arteries, atheroma, aneurism, etc.	20	..	..	..	..	..	..	..	..	..	..	..	4	3	8	5	..	10	10	..	15	4	1	4	15	1	1	1	3	2	3	3	2	..	1	..	2	..
82. Embolism and thrombosis	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
IV.—Diseases of the Respiratory System																																					
Group Total	25	9	..	..	..	..	1	..	..	1	..	..	2	6	6	..	..	13	12	..	20	4	1	12	13	..	2	2	2	3	4	1	..	2	2	1	1
87. Diseases of the larynx	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
89. Acute bronchitis	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	..	2	..	..	..	..	..	..	..	1	..	..	1	..	..	..
90. Chronic bronchitis	3	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	1	2	..	2	..	1	..	3	..	..	1	..	1	..	1	..	..	..	..	..	..
91. Broncho-pneumonia	3	1	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	2	..	3	..	..	2	1	..	..	..	..	..	..	1	..	..	..	1	..	..
92. Pneumonia	15	5	..	..	..	..	..	..	..	1	..	..	2	3	4	..	..	8	7	..	12	3	..	6	9	..	1	1	1	2	2	..	..	1	..	..	1	5
96. Asthma	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
V.—Diseases of the Digestive System.																																					
Group Total	18	5	..	..	..	..	1	1	..	2	..	3	1	..	1	3	1	12	6	..	14	3	1	11	5	2	1	2	1	..	2	1	..	2	3	3	1	2
100. Diseases of the pharynx	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..
103. Other diseases of the stomach (cancer excepted)	4	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	3	1	..	4	..	..	1	1	2	..	2	..	..	..	1	..	..	1	..	..	..
104. Diarrhoea and enteritis (under 2 years)	5	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	..	5	..	..	5	..	..	..	..	..	..	1	..	..	..	1	3	..	..
108. Appendicitis and typhlitis	4	..	..	..	..	..	..	1	..	1	..	1	..	..	..	1	..	3	1	..	3	1	..	3	1	..	..	..	..	1	..	..	..	1	1	..	..	1
109. Hernia, intestinal obstructions	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
110. Diseases of the intestines	2	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	2	..	1	1	..	1	1	..	..	..	..	..	..	..	..	1	..	..	1	..
117. Simple peritonitis (non-puerperal)	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..

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ELGIN—Concluded

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIV.—Ill-Defined Diseases.																																						
Group Total	8	1	..	..	..	..	..	..	..	..	..	2	....	1	3	1	..	4	4	....	7	1	....	2	3	3	1	1	2	1	1	..	1	..	..	1	..	..
188. Sudden death	1	....	..	..	..	..	..	..	..	..	..	..	....	..	..	1	..	....	1	....	1	....	....	....	1	....	..	..	..	1	..	..	..	..	..	..	..	..
189. Cause of death not specified or ill-fined	7	....	1	..	..	..	..	..	..	..	..	2	....	1	3	..	..	4	3	....	6	1	....	2	2	3	1	1	2	..	1	..	1	..	..	1	..	..
Still Births.																																						
Not included in totals	26	....	..	..	..	..	..	..	..	..	..	..	....	..	..	..	..	13	13	....	26	....	....	26	....	....	1	4	2	3	4	..	1	2	4	2	1	2

CAUSES OF DEATH IN THE COUNTY OF ESSEX, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	632	134	27	6	3	7	23	16	23	56	53	28	37	59	83	69	8	333	299	...	530	97	5	283	340	9	46	112	66	59	52	40	43	54	49	32	32	47
1.—General Diseases.																																						
Group Total	173	19	8	2	2	4	14	10	9	26	24	9	14	1	68	5	3	83	90	....	151	22	....	80	91	2	7	69	16	15	13	6	9	14	10	3	5	6
1. Typhoid fever	4	....	....	....	....	....	1	1	1	....	....	....	....	1	....	....	....	3	1	....	4	....	....	3	1	....	....	....	....	....	....	....	1	1	....	1	....	1
6. Measles	7	2	4	....	....	....	1	....	....	....	....	....	....	....	....	....	....	6	1	....	7	....	....	7	....	....	....	....	2	1	3	1	....	....	....	....	....	....
7. Scarlet fever	8	1	....	....	1	1	2	1	1	....	1	....	....	....	....	....	....	5	3	....	8	....	....	7	1	....	....	2	1	2	....	....	....	....	1	2	....
8. Whooping cough	5	3	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	2	3	....	4	1	....	5	....	....	1	1	1	....	....	....	2	....	....	....	....	....
9. Diphtheria and croup	7	....	1	1	1	2	2	....	....	....	....	....	....	....	....	....	....	....	7	....	....	7	....	....	7	....	....	....	2	....	2	....	1	1	....	....	....	1
10. Influenza	72	8	1	....	....	....	5	1	1	19	13	4	5	5	4	3	3	34	38	....	61	11	....	25	46	1	5	54	6	2	2	1	....	1	....	....	....	1
13. Cholera nostras	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....
18. Erysipelas	2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	1	1	....	2	....	....	....	2	....	....	....	1	....	....	....	....	....	....	....	....	....
20. Purulent infection and septicaemia	4	2	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	3	1	....	4	....	....	4	....	....	....	....	....	1	....	....	1	....	1	....	1	....
Total deaths from tuberculosis	29	1	..	1	..	1	1	3	3	6	6	2	2	3	..	..	..	15	14	....	24	5	....	12	17	....	..	6	..	6	2	2	1	6	4	..	1	1
28. Tuberculosis of the lungs	24	1	..	..	..	..	1	2	3	6	5	2	2	2	..	..	..	13	11	....	19	5	....	9	15	....	..	6	..	4	1	2	..	5	4	..	1	1
30. Tuberculous meningitis	3	....	....	1	..	1	..	1	....	....	....	....	....	....	....	....	....	2	1	....	3	....	....	3	....	....	....	....	....	1	1	....	....	1	....	....	....	....
31. Abdominal tuberculosis	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....
34. Tuberculosis of other organs	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
36. Rickets	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....
37. Syphilis	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	3	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....	3	....	....	3	....	....	....	3	....	....	....	....	....	....	1	....	1	....	....	1	....
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	3	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	1	2	....	3	....	....	....	3	....	....	....	....	....	....	....	1	1	....	....	1	..
43. Cancer and other malignant tumors of the breast	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	3	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	2	1	....	2	1	....	....	2	1	....	....	....	....	1	1	1	....	....	....	....	....
46. Other tumors (tumors of the female genital organs excepted)	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....
47. Acute articular rheumatism	3	....	....	....	....	....	....	1	....	....	2	....	....	....	....	....	....	1	2	....	3	....	....	1	2	....	....	....	....	....	....	....	1	....	....	....	....	....
48. Chronic rheumatism and gout	8	....	....	....	....	....	....	....	1	1	....	1	1	2	1	1	....	3	5	3	2	6	....	1	2	....	....	....	1	1	....	....	1	....	....	....	....	....
49. Scurvy	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	1	4	1	....	....	....	....	....	....	....	....	2
50. Diabetes	6	....	....	....	....	....	....	3	1	....	....	1	....	1	....	....	....	3	3	....	6	....	....	4	2	....	....	1	1	1	1	....	....	1	1	....	....	....
51. Exophthalmic goitre	2	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	2	....	1	1	....	....	2	....	....	....	1	....	....	1	....	....	....	....	....	....
54. Anaemia, chlosis	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....

ESSEX—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of special Sense.																																						
Group Total	63	11	1	2	1	2	1	3	1	4	7	2	4	6	8	10	..	34	29	....	54	8	1	28	35	....	7	5	14	2	5	4	1	7	3	3	6	6
60. Encephalitis	5	1	..	..	..	..	..	..	..	1	2	1	..	..	..	..	..	2	3	....	5	..	..	2	3	....	2	..	2	..	..	1	..	..	..	..	..	..
61. Menigitis	10	1	1	1	..	..	1	2	1	2	1	..	..	..	..	..	..	5	5	....	10	..	..	8	2	..	..	2	..	2	..	1	1	1	..	..	..	1
62. Locomotor ataxia	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
63. Other diseases of the spinal cord	4	..	..	1	2	..	..	..	..	..	..	..	..	1	..	..	..	3	1	....	4	..	..	3	1	..	1	..	..	..	..	..	..	..	..	1	2
64. Cerebral haemorrhage, apoplexy	22	..	..	..	..	..	..	..	..	..	2	..	1	4	7	8	..	12	10	....	15	6	1	3	19	....	3	2	8	..	1	2	..	1	1	2	..	2
66. Paralysis without specified cause	7	..	..	..	..	..	1	..	..	..	1	..	1	1	1	2	..	3	4	....	5	2	....	2	5	....	..	..	..	..	1	..	..	1	..	..	4	1
68. Other forms of mental alienation	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	..	..	1	....	..	..	..	..	..	..	..	..	..	..	..	..
69. Epilepsy	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	9	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	3	....	9	..	..	..	9	..	..	1	..	3	..	..	1	..	2	..	1	1
73. Neuralgia and neuritis	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
76. Diseases of the ears	2	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	1	1	....	2	..	..	1	1	..	..	..	..	1	..	..	..	..	1	..	..	..
III.—Diseases of the Circulatory System.																																					
Group Total	89	....	1	..	..	..	..	..	3	3	5	6	616	32	16	1	..	45	44	....	68	19	2	13	73	3	12	9	10	10	2	6	13	7	4	4	7	5
78. Acute endocarditis	6	....	1	..	..	..	..	..	1	1	3	..	..	..	..	..	..	2	4	....	4	2	....	2	4	....	1	..	1	2	..	..	1	..	1	..	..	..
79. Organic diseases of the heart	44	....	..	..	..	..	..	..	1	2	2	3	2	7	19	8	..	23	21	....	33	10	1	6	37	1	7	5	4	3	..	6	7	3	1	2	4	2
81. Diseases of the arteries, atheroma, aneurism, etc.	36	..	..	..	..	..	..	..	..	..	..	3	4	9	12	8	..	18	18	....	30	6	....	4	31	1	4	3	5	5	2	..	5	3	1	2	3	3
82. Embolism and thrombosis	2	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	1	....	1	1	....	1	1	..	..	..	1	..	..	..	..	..	1	..	..	..
85. Haemorrhage; other diseases of the circulatory system	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	....	..	..	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
IV.—Diseases of the Respiratory System.																																					
Group Total	71	20	11	..	..	..	2	..	4	6	3	4	4	8	5	3	1	36	35	....	60	10	1	43	27	1	7	10	7	14	10	5	2	3	2	1	2	8
87. Diseases of the larynx	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
88. Diseases of the thyroid body	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
89. Acute bronchitis	3	1	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	1	....	3	..	..	2	1	..	..	..	1	1	..	..	1	..	..	..	..	..
90. Chronic bronchitis	3	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	2	1	....	1	2	..	..	3	..	..	..	1	..	..	..	..	1	..	..	..	1
91 Bronchopneumonia	11	6	3	..	..	..	..	..	..	..	..	..	..	1	1	..	..	5	6	....	10	1	..	10	1	..	1	1	..	2	1	2	..	2	..	..	1	1
92. Pneumonia	43	13	3	..	..	..	2	..	3	5	2	3	2	6	2	1	1	22	21	....	35	7	1	24	19	....	5	6	5	10	6	2	1	1	1	..	1	5
93. Pluerisy	6	..	2	..	..	..	..	1	1	1	1	..	..	..	..	..	..	3	3	....	6	..	..	4	2	..	1	..	1	1	1	..	1	..	..	..	1	1
96. Asthma	3	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	2	....	3	..	..	2	..	..	1	..	1	..	1	..	..	..	..	1	..	..
V.—Diseases of the Digestive System.																																					
Group Total	52	28	2	1	..	..	1	2	2	3	..	3	2	1	5	1	1	26	26	....	50	2	....	38	14	....	2	1	2	3	3	1	7	9	10	7	2	5
100. Diseases of the pharynx	2	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	1	....	2	..	..	1	1	..	..	..	1	..	..	..	..	..	..	..	..	1
102. Ulcer of the stomach	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
103 Other diseases of the stomach (cancer excepted)	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
104. Diarrhoea and enteritis (under 2 years)	30	28	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	15	....	30	..	..	30	..	..	1	1	..	..	2	1	2	8	8	5	2	..

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ESSEX—Concluded

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XII.—Old Age.																																						
Group Total	40													3	8	29		21	19		20	19	1		39	1	1	5	5	3	7	3		3	5	2	3	3
XIII.—Affections Produced by External Causes.																																						
Group Total	38	2	3	1		1	4	1	3	4	9	1	5		2	2		31	7		30	8		20	17	1	4	3	3	1	2	5	2	4	5	4	1	4
155. Suicide by poison	1								1										1			1		1			1											
157. Suicide by hanging or strangulation	1												1					1			1			1													
159. Suicide by firearms	1										1							1				1		1							1						
164. Poisoning by food	1	1																1			1			1			1								1		
165. Other acute poisonings	3			1							2							2	1		3			2				1	1	1					1		
167. Burns (conflagration excepted)	1						1												1		1			1			1										
169. Accidental drowning	9	1	2			1	1			2	2							9			8	1		8	1			1	1	1	1	2	1	1		1
170. Traumatism by firearms	2									1	1							2			2			1	1										1	
172. Traumatism by fall	2														2			1	1	2					2						1					1
175. Traumatism by other crushing	8						2	1	1		2		2					6	2		6	2		4	4				1	1	1	1	1	1			1
(a) Railroad	4						1		1		1		1					3	1		4			2	2				1	1			1				1
(b) Street car																																						
(c) Automobile	3						1	1					1					2	1		2	1		2	1							1		1			
(d) Other crushing	1										1							1				1			1						1						
180. Lightning																																						
181. Electricity (lightning excepted)	2										1		1					2			2				2			1					1				
185. Fractures (cause not specified)	1												1					1				1			1						1						
186. Other external violence	6		1						1	1		1			2			5	1		4	2		2	4		1						2	1		1
XIV.—Ill-Defined Diseases.																																						
Group Total	14	1								2	1	2	1	3	3		1	10	4		12	2		4	9	1	1	3	1	4	1	2				1	1
187. Ill-defined organic disease	2									1					1			2			1	1		1	1												1
188. Sudden death	12	1								1	1	2	1	3	2		1	8	4		11	1		3	8	1	1	3	1	4		2				1	
189. Cause of death not specified or ill-defined																																						
Still-Births.																																						
Not included in totals	35																	21	14		35			35			4	2	1	2	6	4	3	4	2	2	5

CAUSES OF DEATH IN THE COUNTY OF FRONTENAC, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**254**	**31**	**11**			**1**	**1**	**5**	**1**	**20**	**27**	**12**	**21**	**33**	**33**	**56**	**2**	**134**	**120**	....	**195**	**50**	**9**	**97**	**149**	**8**	**23**	**35**	**30**	**19**	**21**	**25**	**19**	**17**	**11**	**21**	**12**	**21**
I.—General Diseases.																																					
Group Total	**74**	4	6	..	..	..	1	4	1	12	15	4	8	11	8	..	..	44	30	....	65	7	2	33	40	1	7	12	6	3	7	7	5	4	1	8	7	7
6. Measles	1	....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	....	1	....	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
7. Scarlet fever	1	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
8. Whooping cough	3	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	3	....	3	..	..	3	..	..	2	1	..	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	4	....	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	3	1	....	4	..	..	4	..	..	..	..	..	..	..	..	..	..	1	2	1
10. Influenza	9	2	..	..	..	..	..	..	..	..	3	1	2	..	1	..	..	5	4	....	9	..	..	5	4	..	..	6	2	..	..	..	..	..	..	1	..	..
14. Dysentery	1	....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
20. Purulent infection and septicaemia	1	....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Total deaths from tuberculosis	25	....	1	..	..	..	..	1	..	11	8	2	....	2	..	..	..	21	4	....	19	5	1	13	11	1	..	2	3	1	2	4	3	1	1	3	2	3
28. Tuberculosis of the lungs	24	....	1	..	..	..	..	1	..	11	7	2	....	2	..	..	..	21	3	....	18	5	1	13	10	1	..	2	3	1	2	4	3	1	1	3	1	3
32 Pott's disease	1	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	....	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
37. Syphilis	1	....	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
40. Cancer and other malignant tumors of the stomach, liver	5	....	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	2	3	....	3	1	1	....	5	..	..	..	..	..	1	1	1	1	..	..	..	1
41. Cancer and other malignant tumors of the peritonaeum, itestines, rectum	1	....	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
42. Cancer and other malignant tumors of the female genital organs	1	....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
43. Cancer and other malignant tumors of the breast	3	....	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	3	....	3	..	..	..	3	..	..	1	..	..	..	..	..	..	..	1	..	1
45. Cancer and other malignant tumors of other organs or of organs not specified	2	....	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	1	....	2	..	..	..	2	..	1	..	..	..	..	..	..	..	..	1	..	..
47. Acute articular rheumatism	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
48. Chronic rheumatism and gout	1	....	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
50. Diabetes	6	....	..	..	..	..	..	1	..	..	2	..	..	2	1	..	..	2	4	....	6	..	..	3	3	..	1	1	1	..	1	1	..	..	..	..	1	..
51. Exophthalmic goitre	3	....	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	1	2	....	3	..	..	..	3	..	2	..	..	..	..	..	..	1	..	..	..	..
54. Anaemia, chlorosis	4	....	..	..	..	..	..	1	..	..	..	..	1	1	1	..	..	4	..	....	4	..	..	1	3	..	1	..	..	..	1	..	1	..	..	1	..	..
55. Other general diseases	1	....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	27	....	1	..	..	..	..	..	..	2	4	4	5	3	2	5	1	12	15	....	21	4	2	9	16	2	2	..	3	2	3	4	3	4	2	1	3	..
64. Cerebral haemorrhage, apoplexy	10	....	..	..	..	..	..	..	..	..	..	..	2	1	2	5	..	2	8	....	7	3	....	1	9	....	..	..	1	..	2	1	1	2	..	1	2	..
66. Paralysis without specified cause	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2	....	2	..	..	..	2	....	..	..	..	..	..	2	..	..	..	..	..	..
67. General paralysis of the insane	7	..	..	..	..	..	..	..	..	1	3	..	1	1	..	..	1	4	3	....	5	1	1	3	2	2	..	..	2	2	..	..	..	2	1	..	..	..
68. Other forms of mental alienation	3	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	3	..	....	2	....	1	1	2	....	1	..	..	..	..	1	1	..	..	..	..	..
69. Epilepsy	4	..	..	..	..	..	..	..	..	1	1	1	....	1	..	..	..	3	1	....	4	..	..	3	1	....	1	..	..	..	1	..	1	..	..	..	1	..
71. Convulsions of infants	1	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
III.—Diseases of the Circulatory System.																																						
Group Total	48	....	..	..	..	..	..	..	..	....	2	2	4	12	13	14	1	24	24	....	36	11	1	12	34	2	6	7	4	3	4	4	3	4	2	5	..	6
79. Organic diseases of the heart	32	....	..	..	..	..	..	..	..	....	2	2	3	9	10	6	..	18	14	....	23	8	1	8	24	....	4	4	3	1	3	1	3	2	1	4	..	6
81. Diseases of the arteries, atheroma, aneurysm, etc.	13	....	..	..	..	..	..	..	..	..	..	..	..	2	2	8	1	5	8	....	10	3	....	2	10	1	2	1	1	2	1	2	..	2	1	1	..	..
82. Embolism and thrombosis	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	....	2	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
85 Haemorrhage; other diseases of the circulatory system	1	....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	....	1	....	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
IV.—Diseases of the Respiratory System.																																						
Group Total	23	5	2	..	..	..	..	..	..	2	2	..	2	2	3	5	..	11	12	....	16	5	2	11	11	1	..	4	7	3	1	1	1	2	1	2	..	1
88. Diseases of the thyroid body	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
89. Acute bronchitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
90. Chronic bronchitis	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	....	1	1	....	1	1	..	..	2	..	..	..	..	..	..	..	..	..	..
91. Broncho-pneumonia	6	....	1	..	..	..	..	..	..	2	1	..	1	..	..	1	..	2	4	....	3	2	1	4	2	..	..	..	3	..	1	1	..	..	..	1	..	..
92. Pneumonia	11	4	1	..	..	..	..	..	..	..	1	..	..	1	1	3	..	5	6	....	8	2	1	5	5	1	..	2	4	2	..	..	..	1	1	..	..	1
93. Pleurisy	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	2	..	....	2	..	..	..	2	..	..	..	..	..	..	..	..	1	..	..	1	..	..
V.—Diseases of the Digestive System.																																						
Group Total	12	5	2	..	..	..	..	..	..	..	..	..	..	2	1	2	..	5	7	....	12	..	..	7	5	..	..	..	..	2	1	2	2	1	..	2	1	..	1
104. Diarrhoea and enteritis (under 2 years)	6	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	....	6	..	..	6	..	..	..	..	..	2	..	..	..	1	..	2	1	..	..
105. Diarrhoea and enteritis (2 years and over)	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
109. Hernia, intestinal obstructions	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
113. Cirrhosis of the liver	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	....	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
114. Biliary calculi	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..
115. Other diseases of the liver	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	....	2	..	..	..	2	..	..	..	..	..	1	1	..	..	..	..	..	..	..

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CAUSES OF DEATH IN THE COUNTY OF GREY, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Sing'e.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**533**	**61**	**8**	**3**	**1**	**5**	**6**	**11**	**9**	**27**	**28**	**31**	**54**	**71**	**96**	**119**	**3**	**266**	**267**	....	**358**	**168**	**7**	**169**	**361**	**3**	**55**	**60**	**74**	**64**	**55**	**30**	**28**	**31**	**27**	**39**	**33**	**37**
I.—General Diseases.																																						
Group Total	**129**	4	2	1	..	2	3	1	4	13	14	12	23	27	18	4	1	65	63	....	105	21	3	37	91	1	11	19	22	15	17	7	4	9	3	4	7	11
1. Typhoid fever	3	....	....	....	....	....	....	....	1	1	....	....	1	....	....	....	....	1	2	....	3	....	....	1	2	....	....	....	....	....	1	....	....	1	....	....	....	1
6. Measles	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....
7. Scarlet fever	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....
8. Whooping cough	2	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2	....	....	2	....	....	1	..	1	....	....	....	....	....	....	....	....	....
9. Diphtheria and croup	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
10. Influenza	24	2	1	....	1	....	....	....	....	3	7	1	2	2	4	1	..	12	12	....	20	4	....	7	17	....	..	7	11	4	1	....	....	....	....	....	1	..
14 Dysentery	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....
18. Erysipelas	2	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	2	....	....	1	1	....	....	2	....	....	....	....	....	....	....	....	1	1	....	....	....
19. Other epidemic diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total deaths from tuberculosis	28	1	..	1	..	..	1	..	2	8	4	6	3	1	1	..	..	17	11	....	25	3	....	14	14	....	4	3	4	4	2	3	1	2	..	..	3	2
28. Tuberculosis of the lungs	23	1	....	....	....	....	....	2	7	4	4	3	1	1	..	..	....	13	10	....	20	3	....	10	13	....	3	3	3	3	2	3	..	2	..	..	2	2
29. Acute miliary tuberculosis	2	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	2	....	....	2	....	....	1	1	....	....	....	....	....	....	1	....	....	....	....	....	1	..
30. Tuberculous menigitis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....
32. Pott's disease	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
33 White swelling	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	..
40. Cancer and other malignant tumors of the stomach, liver	16	....	....	....	....	....	....	....	....	....	....	....	2	8	6	....	....	9	7	....	11	4	1	....	16	....	..	2	2	1	3	1	1	2	1	2	1	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	5	....	....	....	....	....	....	....	....	....	....	1	....	1	2	1	..	2	3	....	2	3	....	1	4	....	....	....	1	....	....	....	....	1	....	....	....	3
42. Cancer and other malignant tumors of the female genital organs	3	....	....	....	....	....	....	....	....	....	1	2	....	....	....	....	....	....	3	....	3	....	....	....	3	....	....	....	....	....	1	....	....	....	....	....	....	2
43. Cancer and other malignant tumors of the breast	6	....	....	....	....	....	....	....	....	....	2	....	3	1	....	....	....	....	6	....	4	2	....	....	6	....	1	1	....	....	1	1	1	..	1	....	....	....
44. Cancer and other malignant tumors of the skin	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	6	....	....	....	....	....	....	....	....	....	....	....	3	2	1	....	....	3	3	....	5	1	....	2	4	....	2	1	1	1	....	....	....	....	....	....	....	1
46. Other tumors (tumors of the female genital organs excepted)	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....

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GREY—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
105. Diarrhœa and enteritis (2 years and over)	4						1							2		1		1	3		2	2		1	3				1		1		1		1			
108. Appendicitis and typhlitis	6							1	1	1				1		2		3	3		5	1		3	3		3		1		1			1			
109. Hernia, intestinal obstructions	4	1	1											1		1		2	2		2	2		2	2			1		2				1			
113. Cirrhosis of the liver	4												1		2	1		3	1		3		1	1	3		1			1		1		1		1	
114. Biliary calculi	1											1						1				1			1							1					
115. Other diseases of the liver	1													1					1		1				1		1		1								
117. Simple peritonitis (non-puerperal)	1													1				1			1				1				1								
VI.—Non-Venereal Diseases of the Gen-ito-Urinary System and Annexa.																																					
Group Total	19	1					1				1	6	3	2	3	2		8	11		11	8		5	14		1	1	2	4	2			1		6	1	1
119. Acute nephritis	3	1					1					1						1	2		3			2	1			1		1				1			
120. Bright's disease	11											5	2	2	2			4	7		6	5		1	10				2	1	1		1		4	1	1
122. Other diseases of the kidneys and annexa	1															1			1			1			1					1							
126. Diseases of the prostate	3												1		1			3			1	2		2	1		1		1	1							
131. Cysts and other tumors of the ovary	1										1								1		1				1									1			
VII.—The Puerperal State.																																					
Group Total	7										3	3	1						7		7				7		1	1		1	2						2
134. Accidents of pregnancy	1									1									1		1				1			1								
136. Other accidents of labor	1										1								1		1				1												1
137. Puerperal septicaemia	1										1								1		1				1												1
138 Puerperal albuminuria and convulsions	4									2	1	1							4		4				4		1			1	2						
VIII.—Diseases of the Skin and of the Cellular Tissue.																																					
Group Total	1															1			1			1			1									1			
142. Gangrene	1															1			1			1			1									1			
X.—Congenital Malformations.																																					
Group Total	5	5																4	1		5			5					1		1						
150. Congenital malformations (still-births not included)	5	5																4	1		5			5					1	3		1					
XI.—Diseases of Early Infancy.																																					
Group Total	28	28																16	12		28			28			1	1	4	2	3	2		4	3	1	5	2
151. Congenital debility, icterus, and sclerema	27	27																15	12		27			27			1	1	4	1	3	2		4	3	1	5	2
152. Other diseases peculiar to early infancy	1	1																1			1			1													

154.

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CAUSES OF DEATH IN THE COUNTY OF HALDIMAND, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	286	30	5	3	1		4	3	4	15	21	12	27	38	71	52		149	137		236	49	1	88	194	4	25	35	25	16	37	18	21	23	17	20	26	23
I.—General Diseases.																																						
Group Total	75	5	1	2	1		3	2	11	14	5	9	9	10	3			34	41		70	5		25	49	1	7	13	10	5	7	3	7	4	2	7	6	4
1. Typhoid fever	1								1										1		1			1														1
6. Measles	1								1									1			1			1														1
8. Whooping cough	3	3																1	2		3			3						1		1		1			
9. Diphtheria and croup	3		1		1			1										2	1		3			3									1	1				1
10 Influenza	19	1		1					1	2	8			2	4			7	12		17	2		4	15		2	7	7			1	1				1	
14. Dysentery	1			1															1		1			1									1					
20. Purulent infections and septicaemia	1												1					1			1				1										1			
Total deaths from tuberculosis	17								1	4	4	3	3	1	1			9	8		16	1		4	12	1		5	2	2	3	1	1	1		1	1	
28. Tuberculosis of the lungs	16							1	4	4	3	2	1	1				8	8		15	1		4	11	1		4	2	2	3	1	1	1		1	1	
31. Abdominal tuberculosis	1											1						1			1				1			1									
36. Rickets	1		1															1			1			1										1			
40. Cancer and other malignant tumors of the stomach, liver	7									1			1	3	2			5	2		6	1		2	5		1				1		3	1		1	
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	4												2	1		1		2	2		4				4		1			2					1		
42. Cancer and other malignant tumors of the female genital organs	1										1								1		1				1										1		
44. Cancer and other malignant tumors of the skin	1												1						1		1				1								1				
45. Cancer and other malignant tumors of other organs or of organs not specified	6												1	1	2	2		3	3		5	1			6		1	1		1					1	2	
47. Acute articular rheumatism	1									1									1		1			1			1										
48. Chronic rheumatism and gout	1									1									1		1			1												1	
50 Diabetes	3											2			1			2	1		3				3		1				2						
53. Leuchaemia	1									1									1		1			1												1	
54. Anaemia, chlorosis	2								1			1							2		1	1			1							1				1		
52. Chronic lead poisoning	1									1									1		1		1														1

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HALDIMAND—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VII —The Puerperal State.																																						
Group Total	2									2									2		1	1			2											1		1
135. Puerperal haemorrhage	1									1									1			1			1											1		
138 Puerperal albuminuria and convulsions	1									1									1		1				1													1
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	1														1			1			1				1				1									
142. Gangrene	1														1			1			1				1				1									
X.—Congenital Malformations.																																						
Group Total	2	2																	2		2			2						1					1		
150. Congenital malformations (still-births not included)	2	2																	2		2			2						1					1		
XI.—Diseases of Early Infancy.																																						
Group Total	16	16																10	6		16			16			1	2		1	3	1		1	2	1	2	2
151. Congenital debility, icterus, and sclerema	16	16																10	6		16			16			1	2		1	3	1		1	2	1	2	2
154. XII.—Old Age.																																						
Group Total	49													2	20	27		25	24		32	17		5	42	2	3	6	7	3	5	2	6	3	4	3	3	4
XIII.—Affections Produced by External Causes.																																						
Group Total	19			1			1		1	1	4	4	3	3	1			16	3		13	5	1	9	10						5	4	1	5		1	2	1
157. Suicide by hanging or strangulation	1													1				1				1			1												1
159. Suicide by firearms	1													1				1			1				1												
160. Suicide by cutting or piercing instruments	1										1							1			1				1						1						
163. Other suicides	1										1							1			1			1							1						
169. Accidental drowning	3									1	1			1				3			3			3							1		1		1		

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CAUSES OF DEATH IN THE COUNTY OF HALIBURTON, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	54	14	3	3	..	1	1	1	..	1	3	1	7	7	5	7	..	29	25	..	40	13	1	30	24	..	6	7	5	1	3	2	5	3	4	9	6	3
I.—General Diseases.																																					
Group Total	10	1	..	..	..	..	1	..	..	..	..	..	5	2	1	..	..	4	6	..	7	3	..	3	7	..	1	..	1	..	1	..	1	2	..	2	2	..
8. Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
9. Diphtheria and croup	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
10. Influenza	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
37. Syphilis	2	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	1	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	2	..	..
41. Cancer and other malignant tumors of the peritoneaum, intestines, rectum	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..
44. Cancer and other malignant tumors of the skin	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
54. Anaemia, chlorosis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	5	1	..	..	..	..	..	..	..	..	1	..	1	1	..	1	..	2	3	..	4	1	..	2	3	..	..	..	..	..	..	..	1	1	..	1	1	1
61. Meningitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
64. Cerebral haemorrhage, apoplexy	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1	..	1	1	..	..	2	..	..	..	..	..	..	..	..	..	..	1	..	1
66. Paralysis without specified cause	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
69. Epilepsy	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
III.—Diseases of the Circulatory System.																																					
Group Total	7	..	..	..	..	..	..	..	..	..	..	..	3	2	2	..	..	5	2	..	4	2	1	1	6	..	..	2	..	..	..	..	1	..	..	3	1	..
79. Organic diseases of the heart	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	3	..	..	2	1	..	1	2	..	..	..	..	..	..	..	..	..	..	3	..	..
81. Diseases of the arteries, atheroma, aneurism, etc.	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	1	2	..	1	1	1	..	3	..	..	2	..	..	..	..	1	..	..	..	..	..
85. Haemorrhage; other diseases of the circulatory system	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..

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HALIBURTON—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	8	1	1	2	..	1	..	..	..	..	2	..	..	..	..	1	..	5	3	....	7	1	....	7	1	....	..	3	1	..	..	1	..	..	3	..	..	..
167. Burns (conflagration excepted)	4	1	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1	3	....	4	....	....	4	....	....	..	3	..	..	..	1	..	..	..	..	..	..
169. Accidental drowning	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	1	..	..	..
174. Traumatism by other crushing	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	1	..	..	..
(a) Railroad	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	....	..	....	....	..	..	..	..	..	..	..	..	..	..	..	..
(b) Street car	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	....	..	....	....	..	..	..	..	..	..	..	..	..	..	..	..
(c) Automobile	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	....	..	....	....	..	..	..	..	..	..	..	..	..	..	..	..
(d) Other crushing	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	1	..	..	..
180. Lightning	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	1	..	..	..
186. Other external violence	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	....	..	1	....	..	1	....	..	..	1	..	..	..	..	..	..	..	..	..
XIV.—Ill-Defined Diseases.																																						
Group Total	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	..	1	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	1
189. Cause of death not specified or ill-defined	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	..	1	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	1
Still-Births.																																						
Not included in totals	7	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	3	....	7	....	....	7	....	....	..	..	2	1	..	..	..	1	2	..	1	..

CAUSES OF DEATH IN THE COUNTY OF HALTON, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**275**	**50**	**4**	**1**	**2**	....	**6**	**4**	**2**	**18**	**19**	**23**	**23**	**28**	**50**	**45**	....	**148**	**127**	....	**205**	**69**	**1**	**103**	**165**	**7**	**33**	**38**	**33**	**17**	**20**	**17**	**15**	**20**	**18**	**34**	**15**	**15**
I.—General Diseases.																																					
Group Total	78	11	..	1	..	..	4	3	1	6	10	10	10	10	9	3	..	44	34	....	64	14	....	29	45	4	11	17	7	1	4	5	6	5	7	9	3	3
1. Typhoid fever	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
6. Measles	3	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2	1	..	3	..	..	3	..	..	1	..	..	..	..	1	1	..	..	..	..	..
7. Scarlet fever	2	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2	..	..	1	1	..	2	..	..	..	1	1	..	..	..	..	..	..	..	..	..
8. Whooping cough	3	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2	1	..	3	..	..	3	..	..	..	..	..	..	1	2	..	..	..	..	..	..
9. Diphtheria and croup	2	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..
10. Influenza	19	1	..	1	..	..	..	..	..	3	7	2	2	2	1	..	..	13	6	....	14	5	....	4	14	1	4	11	1	..	..	1	..	1	..	1	..	..
20. Purulent infection and septicaemia	2	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	2	..	..	2	..	..	1	1	..	..	..	..	..	..	1	..	1	..	..	..	..
Total deaths from tuberculosis	14	4	..	..	..	..	..	1	..	3	2	2	1	1	..	..	..	6	8	....	13	1	....	8	6	....	1	1	2	..	..	1	1	1	1	3	2	1
28. Tuberculosis of the lung	13	3	..	..	..	..	..	1	..	3	2	2	1	1	..	..	..	5	8	....	12	1	....	7	6	....	1	1	2	..	..	1	1	1	1	2	2	1
30. Tuberculous menigitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
36. Rickets	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	1	..	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	9	..	..	..	..	..	..	..	..	..	1	..	1	2	4	1	..	4	5	....	7	2	....	2	6	1	..	..	2	..	1	..	1	..	1	2	1	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	3	..	..	..	..	..	..	..	..	..	2	..	..	1	..	..	..	2	1	....	3	..	....	..	3	..	..	..	..	..	..	..	..	1	1	1	..	..
42. Cancer and other malignant tumors of the female genital organs	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
43. Cancer and other malignant tumors of the breast	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	5	..	..	..	..	..	..	..	..	..	1	..	..	2	1	1	..	3	2	....	4	1	....	1	4	....	1	..	..	..	1	..	..	..	1	1	..	1
50. Diabetes	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1	....	2	..	....	..	2	....	..	2	..	..	..	..	..	..	..	..	..	..
51. Exophthalmic goitre	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	....	2	..	....	..	2	....	..	..	..	..	..	..	..	..	1	1	..	..
53. Leuchaemia	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	..	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..
54. Anaemia, chlorosis	5	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	1	2	3	....	3	2	....	..	5	....	1	..	1	..	..	..	..	..	1	1	1	..
55. Other general diseases	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	..	....	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..

HALTON—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	23	2								1	2	2	3	3	3	7		14	9		15	8		5	18		2	1	9	1	2	1	1	1		3	1	1
61. Menigitis	1										1							1			1			1								1						
63. Other diseases of the spinal cord	4										1	1	1	1				3	1		2	2			4		1	1	1		1						
64. Cerebral haemorrhage, apoplexy	9									1				1	3	4		6	3		5	4			9		1		4		1				1		1
66. Paralysis without specified cause	3															3		1	2		2	1		1	2				1				1		1		
69. Epilepsy	2												2					2			2			1	1					1		1					
71. Convulsions of infants	2	2																	2		2			2					2								
74. Other diseases of the nervous system	2										1		1					1	1		1	1			2				1						1		
III.—Diseases of the Circulatory System.																																						
Group Total	50						1	1		4	1	2	2	5	18	16		20	30		29	21		9	40	1	6	7	9	5	3	3	2	5	3	2	2	3
78. Acute endocardis	2						1	1											2		2			2					1							1		
79. Organic diseases of the heart	29									4	1	1	2	2	10	9		11	18		14	15		6	23		3	4	4	3	1	2	2	5		1	1	3
81. Diseases of the arteries, atheroma, aneurism, etc.	19										1			3	8	7		9	10		13	6		1	17	1	3	3	4	2	2	1			3	1		
IV.—Diseases of the Respiratory System																																						
Group Total	23	1	1							1	3	3	2	3	7	2		7	16		15	8		5	18		4	5		5		3			1	1	3	1
88. Diseases of the thyroid body	1												1						1		1				1										1			
89. Acute bronchit s	2	1	1															2			2			2												1		
90. Chronic bronchitis	6														4	2			6		4	2			6		1	1			2				2		
91. Broncho-pneumonia	1										1							1			1				1			1									
92. Pneumonia	11									1	2	3		3	2			4	7		5	6		2	9		2	3		4					1		1
96. Asthma	2												1		1				2		2			1	1		1			1							
V.—Diseases of the Digestive System.																																						
Group Total	17	9								1		1	1	2	2	1		14	3		11	5	1	11	5	1	1			1			1	2		8	3	
102. Ulcer of the stomach	1											1						1				1			1												
103. Other diseases of the stomach (cancer excepted)	1													1				1				1		1			1										
104. Diarrhoea and entiritis (under 2 years)	9	9																7	2		9			9										1		7	1	
105. Diarrhoea and enteritis (2 years and over)	2													1		1		1	1		1	1			2										1	1	
109. Hernia, intestinal obstructions	1														1			1				1			1											1	
113. Cirrhosis of the liver	1												1					1				1			1												1
115. Other diseases of the liver	1														1			1					1			1											
117. Simple peritonitis (non-puerperal)	1									1								1			1			1									1				

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HALTON—Continued.

Number of Columns.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes																																						
Group Total	19		3		2		2			1	1	4	3		2	1		13	6		16	3		10	8	1	3	1	1		4	2	1	2	2	1		2
157. Suicide by strangulation	1										1							1			1			1			1											
167. Burns (conflagration excepted)	2				2													1	1		2			2			1				1						
169. Accidental drowning	3		2				1												3		3			3							1			2			
172. Traumatism by fall	1						1											1			1			1				1									
175. Traumatism by other crushing	1		1															1			1			1							1						
(a) Railroad	1		1															1			1			1							1						
(b) Street car																																					
(c) Automobile																																					
(d) Other crushing																																					
176. Injuries by animals	2											1	1					2			2			2													2
185. Fractures (cause not specified)	7										1	2	1		2	1		5	2		4	3			6	1			1		1	1	1		2	1	
186. Other external violence	2											1	1					2			2				2		1										
XIV.—Ill-Defined Diseases.																																					
Group Total	1														1				1		1				1			1									
189. Cause of death not specified or ill-defined	1														1				1		1				1			1									
Still-Births.																																					
Not included in totals	18	18																11	7		18			18			1	2	2		1	1	2	4	2	1		2

CAUSES OF DEATH IN THE COUNTY OF HASTINGS, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**547**	**91**	**17**	**11**	**5**	**3**	**4**	**9**	**14**	**21**	**25**	**26**	**39**	**72**	**111**	**99**	....	**291**	**256**	....	**462**	**82**	**2**	**199**	**346**	**2**	**40**	**66**	**60**	**61**	**50**	**35**	**36**	**35**	**40**	**36**	**38**	**50**
I —General Diseases.																																					
Group Total	126	10	6	3	2	3	1	2	9	14	15	8	1	1	17	17	8	..	57	69	....	113	12	1	52	74	....	9	26	13	22	10	5	8	6	9	5	8	5
1. Typhoid fever	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	..	..
6. Measles	5	3	..	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..
7. Scarlet fever	4	..	..	..	..	..	1	1	1	..	1	..	..	..	..	..	..	..	3	2	....	5	..	....	4	1	....	..	3	..	..	1	..	..	..	..	..	..	1
8. Whooping cough	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	....	4	..	....	4	..	....	..	1	1	..	1	..	..	..	1	..	..	..
9. Diphtheria and croup	8	..	1	1	1	3	..	1	..	..	1	..	..	..	..	..	..	..	1	2	....	3	..	....	3	..	....	..	..	..	..	..	..	..	1	1	..	1	..
10. Influenza	42	4	3	2	..	..	..	..	2	8	9	4	..	4	4	2	..	16	26	....	39	3	..	8	..	....	1	2	..	3	..	..	..	1	..	..	1	..
18. Erysipelas	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	....	18	24	....	1	14	12	13	..	..	2	..	..	..	..	..
20. Purulent infection and septicaemia	2	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	....	2	..	....	..	2	....	..	..	..	..	..	1	..	..	..	..	..	1
Total deaths from tuberculosis	17	1	1	..	..	..	..	..	..	4	5	2	1	2	1	..	..	..	6	11	....	16	1	....	9	8	....	3	2	..	1	2	..	2	1	4	1	1	..
28. Tuberculosis of the lungs	15	..	1	..	..	..	..	..	..	3	5	2	1	2	1	..	..	..	5	10	....	14	1	....	7	8	....	2	2	..	1	2	..	2	..	4	1	1	..
29. Acute miliary tuberculosis	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	1	..	..	..	..	..
30. Tuberculous meningitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	2	..	....	2	..	....	..	2	....	..	..	..	..	..	1	..	..	1	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	10	..	..	..	..	..	..	..	..	..	..	1	1	5	1	2	..	..	6	4	....	6	3	1	1	9	....	..	2	..	1	2	2	..	1	1	..	1	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	5	..	..	..	..	..	..	..	..	..	..	1	..	1	3	..	..	..	4	1	....	3	2	....	1	4	....	2	..	..	1	1	..	..	..	1	..	..	..
43. Cancer and other malignant tumors of the breast	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	2	....	2	..	....	..	2	....	..	..	..	..	1	..	..	1	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	9	..	..	..	..	..	..	..	..	..	..	..	2	2	3	2	..	..	5	4	....	7	2	....	1	8	....	1	..	..	2	1	1	2	2	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	1	..
48. Chronic rheumatism and gout	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	..	..
50. Diabetes	5	..	..	..	..	..	..	..	1	..	..	1	..	..	2	1	..	..	2	3	....	4	1	....	1	4	....	..	1	..	..	..	..	..	..	..	..	..	..
51 Exophthalmic goitre	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2	....	2	..	....	1	1	....	..	1	..	..	..	..	..	1	1	1	1	..
53. Leuchaemia	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	1	..	1	..
54. Anaemia, chlorosis	3	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	2	1	....	3	..	....	..	2	....	..	..	1	..	..	..	..	..	..	..	..	..
55. Other general diseases	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	2	....	2	..	....	..	2	....	..	..	..	..	1	..	1	..	..	..	1	1

HASTINGS—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	51	6	..	..	..	..	..	2	..	2	1	3	5	7	18	7	..	26	25	....	40	11	....	13	38	....	5	7	3	7	5	2	3	4	3	5	3	4
61. Meningitis	5	2	..	..	..	..	..	1	..	1	..	..	..	..	1	..	..	4	1	....	5	..	....	4	1	....	2	1	..	..	1	..	..	1	..	..	..	..
62. Locomotor ataxia	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	1	..	..	..	..	..	..	..
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	..	1	....	..	1	....	..	..	..	..	..	..	..	..	..	..	..	..	1
64. Cerebral haemorrhage, apoplexy	25	..	..	..	..	..	1	..	..	..	..	2	3	4	9	6	..	11	14	....	18	7	....	4	21	....	2	4	..	4	1	2	3	2	3	1	3	..
66. Paralysis without specified cause	9	..	..	..	..	..	..	..	..	..	..	..	1	2	5	1	..	8	1	....	8	1	....	..	9	....	1	1	1	2	1	..	..	1	..	..	..	2
68. Other forms of mental alienation	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	....	1	1	....	..	2	....	..	..	..	1	..	..	..	..	..	1	..	..
69. Epilepsy	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	..	1
71. Convulsions of infants	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	....	2	..	....	2	..	....	..	..	2	..	..	..	..	..	..	..	..	..
73. Other diseases of the nervous system	3	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	3	....	2	1	....	..	3	....	..	1	..	..	..	..	..	..	..	2	..	..
74. Neuralgia and neuritis	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..
76. Diseases of the ears	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	1	..	..	..	..	..	..	..
III.—Diseases of the Circulatory System.																																						
Group Total	102	1	..	..	..	..	..	1	..	1	2	4	11	25	32	25	..	51	51	....	82	20	....	12	90	....	9	9	11	5	7	5	9	8	10	6	7	16
77. Pericarditis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..
78. Acute endocarditis	2	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	1	1	....	2	..	....	1	1	....	..	..	..	..	..	..	..	1	..	..	..	1
79. Organic diseases of the heart	56	..	..	..	..	..	..	..	..	1	..	3	8	16	13	15	..	25	31	....	44	12	....	4	52	....	7	4	7	4	5	3	5	1	7	1	4	8
80. Angina pectoris	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	1	2	....	3	..	....	1	2	....	..	1	..	..	..	..	..	1	..	..	..	1
81. Diseases of the arteries, atheroma, aneurism, etc.	34	..	..	..	..	..	..	..	..	..	..	..	1	6	17	10	..	22	12	....	26	8	....	5	29	....	2	3	4	1	2	2	3	5	3	2	3	4
82. Embolism and thrombosis	3	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	3	....	3	..	....	..	3	....	..	..	..	..	..	..	1	..	..	..	..	2
84. Diseases of the lymphatic system (lymphangitis, etc.)	2	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	....	2	..	....	1	1	....	..	..	..	..	..	..	..	..	..	2	..	..
85. Haemorrhage; other diseases of the circulatory system	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of the Respiratory System																																						
Group Total	57	15	5	4	1	..	1	1	..	2	1	3	2	8	9	5	..	37	20	....	51	4	2	28	29	....	4	7	13	7	3	4	2	2	..	3	6	6
87. Diseases of the larynx	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	1	..	..
89. Acute bronchitis	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	....	4	..	....	4	..	....	..	..	1	..	1	..	1	..	..	..	..	1
90. Chronic bronchitis	4	..	..	..	..	..	..	..	..	..	..	..	..	1	2	1	..	1	3	....	3	1	....	..	4	....	..	..	2	1	..	..	..	1	..	..	..	..
91. Broncho-pneumonia	11	6	2	..	..	..	..	..	..	..	..	..	1	1	1	..	..	7	4	....	11	..	....	7	4	....	..	..	3	1	..	2	..	..	..	4	1
92. Pneumonia	30	5	3	3	1	..	1	1	..	2	1	1	1	4	4	3	..	21	9	....	28	1	1	16	14	....	3	6	6	4	2	1	2	..	..	2	4
93. Pleurisy	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1	....	2	..	....	..	2	....	1	..	..	..	..	..	..	1	..	..	..	..
94. Pulmonary congestion, pulmonary apoplexy	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	1	..	..	..	..	..	..	..	..	..
96. Asthma	3	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	1	2	....	..	2	1	..	3	....	..	1	..	1	..	..	..	..	..	1	..	..
98. Other diseases of the respiratory system (tuberculosis excepted	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..

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Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
X.—Congenital Malformations.																																						
Group Total	5	4	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	....	5	....	....	5	....	....	....	....	1	....	....	1	1	1	..	1	....	....
150. Congenital malformations (still-births not included	5	4	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	....	5	....	....	5	....	....	....	....	1	....	....	1	1	1	..	1	....	....
XI.—Diseases of Early Infancy.																																						
Group Total	36	36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23	13	....	36	....	....	36	....	....	4	7	..	2	5	5	2	3	3	4	1	..
151. Congenital debility, icterus, and sclerema	34	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	13	....	34	....	....	34	....	....	4	6	..	2	4	5	2	3	3	4	1	..
152. Other diseases peculiar to early infancy	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	....	....	2	....	....	2	....	....	..	1	..	..	1	....	....	....	....	....	....	....
154. XII.—Old Age.																																						
Group Total	64	....	....	....	....	....	....	....	....	....	....	....	....	1	18	45	..	35	29	....	41	23	....	5	57	2	5	6	9	6	5	4	1	5	5	4	10	4
XIII.—Affections Produced by External Causes.																																						
Group Total	20	1	1	..	..	..	1	2	1	....	3	3	4	2	1	1	..	14	6	....	20	....	....	9	11	....	....	..	2	..	1	2	3	3	3	1	1	4
157. Suicide by hanging or strangulation	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....
164. Poisoning by food	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
165. Other acute poisonings	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....
167. Burns (conflagration excepted)	3	....	....	....	....	1	....	....	....	....	....	....	1	..	1	....	....	1	2	....	3	....	....	2	1	....	....	....	....	....	....	....	1	....	....	....	....	2
169. Accidental drowning	3	....	1	....	....	....	1	....	....	....	....	1	....	....	....	....	....	3	....	....	3	....	....	2	1	....	....	....	....	....	1	1	..	1	....	....	....	....
172. Traumatism by fall	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....
175. Traumatism by other crushing	4	....	....	....	....	....	....	1	....	....	1	1	1	..	....	....	....	3	1	....	4	....	....	1	3	....	....	....	1	....	....	....	1	....	....	1	..	1
(a) Railroad	2	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	1	....	2	....	....	....	2	....	....	....	1	....	....	....	....	....	....	....	....	1
(b) Street car	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
(c) Automobile	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....
(d) Other crushing	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....
181. Electricity (lightning excepted)	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
185. Fractures (cause not specified)	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....
186. Other external violence	4	....	....	....	....	....	....	....	....	....	2	1	....	1	....	....	....	4	....	....	4	....	....	2	2	....	....	....	1	....	....	....	1	..	1	....	....	1
XIV.—Ill-Defined Diseases.																																						
Group Total	14	1	..	2	....	....	....	2	....	....	....	....	1	3	3	2	..	9	5	....	11	3	....	6	8	....	1	..	1	3	5	3	....	....	....	....	....	1
187. Ill-defined organic disease	2	....	..	1	....	....	....	....	....	....	....	....	....	....	....	1	..	2	....	....	2	....	....	1	1	....	....	....	1	1	....	....	....	....	....	....	....	....
189. Cause of death not specified or ill-defined	12	1	..	1	....	....	....	2	....	....	....	....	1	3	3	1	..	7	5	....	9	3	....	5	7	....	1	....	2	5	3	....	....	....	....	....	....	1
Still-Births.																																						
(Not included in totals)	23	23	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	13	10	....	23	....	....	23	....	....	....	1	1	3	2	2	7	1	2	..	2	2

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	632	66		8	3	2	3	6	6	15	19	38	33	64	94	125	150		305	327		439	184	9	179	452	1	61	84	88	42	54	45	44	37	40	57	43	37
I.—General Diseases.																																							
Group Total	172	6	3	..	2	1	3	3	6	10	20	16	25	31	32	14	..	77	95	....	145	25	2	48	123	1	12	29	32	10	16	12	11	12	12	14	3	9
1. Typhoid fever	2	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	2	..	2	..	..	..	2	..	..	..	1	1	..	..	..	..	..	..	..	..
8. Whooping cough	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	..	2	..	..	..	..	1	..	..	1	..	..	..	..	..	..
9. Diphtheria and croup	4	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	3	1	..	4	..	..	4	..	..	..	..	..	..	2	..	2	..	..	..	..	..
10. Influenza	38	4	2	..	..	..	..	1	3	5	8	5	3	3	1	3	..	..	17	21	..	32	6	..	16	22	..	1	16	14	1	2	1	..	1	..	1	..	1
14. Dysentery	2	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	1	1	..	..
18. Erysipelas	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
20. Purulent infection and septicaemia	2	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	1	1	..	1	1	..	1	1	..	1	..	..	..	..	..	1	..	..	..	..	..
Total deaths from tuberculosis	22	..	1	..	..	..	..	1	1	3	7	3	4	..	1	1	..	..	5	17	..	21	1	..	12	10	..	1	5	3	3	3	2	..	1	2	2	..	..
28. Tuberculosis of the lungs	18	..	..	..	..	..	..	1	..	2	6	3	4	..	1	1	..	..	3	15	..	17	1	..	8	10	..	1	3	3	3	3	1	..	1	2	1	..	..
30. Tuberculous meningitis	2	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	..	1	..	..	..	1	..	..	..	..	..	..
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
37. Syphilis	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	..	..	2	..	..	..	2	..	1	..	..	..	..	..	1	..	..	..	..	..
39 Cancer and other malignant tumors of the buccal cavity	4	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	..	4	..	..	3	1	..	..	4	..	..	..	..	..	..	..	..	..	1	2	..	1
40. Cancer and other malignant tumors of the stomach, liver	10	..	..	..	..	..	..	..	..	..	..	..	..	2	5	3	..	..	8	2	..	10	..	..	..	9	1	..	2	..	1	..	2	1	2	..	..	1	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	9	..	..	..	..	..	..	..	..	..	..	1	2	1	2	3	..	..	5	4	..	6	3	..	1	8	..	1	1	1	..	..	..	1	4	..	1	..	..
42. Cancer and other malignant tumors of the female genital organs	4	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	4	..	3	1	..	..	4	..	2	..	1	..	..	..	..	..	..	..	..	1
43. Cancer and other malignant tumors of the breast	6	..	..	..	..	..	..	..	..	..	..	1	2	1	1	1	..	..	..	6	..	5	1	..	1	5	..	..	..	2	..	..	..	1	1	2	..	..	..
44. Cancer and other malignant tumors of the skin	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	20	..	..	..	..	..	..	..	..	..	..	2	3	4	8	3	..	..	9	11	..	13	6	1	..	20	..	1	2	4	..	2	1	1	1	4	1	..	3
47. Acute articular rheumatism	3	..	..	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	2	1	..	3	..	..	2	1	..	1	..	..	..	1	..	..	1	..	..	..	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	1	..	..	1	1	..	2	..	..	..	..	..	1	..	1	..	..	..	..	..
49. Scurvy	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
50. Diabetes	12	..	..	..	..	..	..	..	1	..	1	2	2	2	2	1	1	..	3	9	..	10	2	..	3	9	..	1	1	1	2	..	..	1	2	1	1	..

HURON—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
51. Exophthalmic goitre	6										1			2	3			2	4		6			1	5		1	1	1		1	1					1	
53. Leuchaemia	3											1	1		1			3			3				3		1					1				1	
54. Anaemia, chlorosis	15										1	1	1	7	5			6	9		14	1		3	12			1	3	2	4	1	1		1	2		
55. Other general diseases	1															1		1			1				1										1		
II. Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	58	2	2	1		1		1			3	5	7	9	14	13		29	29		40	18		17	41		7	8	6	2	6	6	8	2	2	4	3	4
60. Encephalitis	2							1				1							2		2			1	1		1				1							
61. Meningitis	3	1	1	1														1	2		3			3				1		1		1					
62. Locomotor ataxia	4										1		2	1				3	1		3	1		1	3		1	1	1			1					
63. Other diseases of the spinal cord	4										1	1	1	1				3	1		3	1		1	3		2		1				1				
64. Cerebral haemorrhage, apoplexy	33					1						2	4	4	13	9		16	17		19	14		6	27		2	4	4	1	2	5	3	1	2	3	3	3
65. Softening of the brain	1															1			1		1				1								1				
66. Paralysis without specified cause	4														1	3		2	2		2	2			4			1			3					
68. Other forms of mental alienation	1													1				1			1			1								1				
69. Epilepsy	2										1	1						1	1		2			2			1					1					
71. Convulsions of infants	1	1																1			1			1								1					
73. Neuralgia and neuritis	1													1				1			1				1										1		
74. Other diseases of the nervous system	2		1											1					2		2			1	1			1									1
III.—Diseases of the Circulatory System																																						
Group Total	119							2	1		2	2	17	34	33	28		69	50		69	49	1	11	108		12	10	12	12	13	11	3	3	9	14	13	7
77. Pericarditis	1										1								1		1				1												
78. Acute endocarditis	3							1	1				1					1	2		3			2	1			1	1						1		
79. Organic diseases of the heart	67							1			1	2	10	22	21	10		36	31		42	24	1	6	61		8	4	4	7	7	6	2	3	7	8	7	4
80. Angina pectoris	4													2	1	1		4			2	2			4					1	1				1		1
81. Diseases of the arteries, atheroma, aneurism, etc.	43												6	9	11	17		27	16		20	23		3	40		4	5	7	2	5	5	1		2	4	6	2
82. Embolism and thrombosis	1													1				1			1				1					1							
IV.—Diseases of the Respiratory System																																						
Group Total	61	10	1			2	1		2	2	5	4	4	8	11	11		20	41		50	10	1	28	33		10	9	14	1	7	1	6	3	2	1	4	3
88. Diseases of the thyroid body	1														1				1		1				1										1		
89. Acute bronchitis	5	3									1		1					2	3		5			4	1		2									2	1
90. Chronic bronchitis	3														2	1			3		3				3		1			1					1	
91. Broncho-pneumonia	14	6				1				1	2	1		1		2		3	11		11	3		10	4		1	4	6		1	1				1	
92. Pneumonia	32	1	1				1		2	1	2	2	3	6	6	7		14	18		26	5	1	12	20		4	5	7	1	4		4	3	1	1		2
93. Pleurisy	1														1				1		1				1								1				
94 Pulmonary congestion, pulmonary apoplexy	2					1									1				2		2			1	1				1		1					
96. Asthma	3											1			1	1		1	2		1	2		1	2		2				1						

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HURON—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XII.—Old Age.																																						
Group Total	81													1	15	65		37	44		25	54	2	4	77		7	8	15	9	2	7	4	5	6	8	5	5
XIII.—Affections Produced by External Causes.																																						
Group Total	24		1				1		2			3	4	1	5	7		16	8		16	7	1	7	17		1	3	3	1	4	1	2	1	1	1	3	3
155. Suicide by poison	2								1			1						1	1		2			2						1				1				
165. Other acute poisonings	2		1									1						2			2			2					1							1	
168. Absorption of deleterious gases (conflagration excepted)	2												1			1		2			2				2				1							1	
169. Accidental drowning	2								1					1				2			2			1	1				1		1						
170. Traumatism by firearms	1											1						1			1			1							1						
172. Traumatism by fall	4												3			1		4			2	2			4			1		1		1			1		
176. Injuries by animals	1						1												1		1			1				1									
178. Excessive cold	1														1				1			1			1			1									
185. Fractures (cause not specified)	7														3	4		2	5		3	4			7		1			2		1		1			2
186. Other external violence	2														1	1		2			1		1		2												1
XIV.—Ill-Defined Diseases.																																						
Group Total	6		1	1							1		1	1		1		5	1		4	1	1	4	2		2					1	1		1	1		
189 Cause of death not specified or ill-defined	6		1	1							1		1	1		1		5	1		4	1	1	4	2		2					1	1		1	1		
Still-Births.																																						
Not included in totals	31	31																19	12		31			31			2	3	1	1	5	3	5	2	1	3	2	3

CAUSES OF DEATH IN THE DISTRICT OF KENORA, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	196	17	17	4	8	4	19	18	8	25	26	13	14	6	8	8	1	105	91	...	177	16	3	111	85	...	4	14	4	1	2	100	49	8	5	4	3	2
I.—General Diseases.																																						
Group Total	153	3	16	4	6	3	18	18	7	21	23	11	9	5	5	3	1	82	71	....	144	7	2	85	68	....	2	6	3	....	....	91	44	2	..	1	2	2
1. Typhoid fever	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	2	....	....	1	....	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8. Whooping cough	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	1	1	....	....	....	....
10. Influenza	128	3	14	4	6	2	18	18	6	17	2	26	4	2	4	2	..	69	59	....	125	3	....	79	49	....	....	5	2	....	....	82	39	....	....	....	....	1
14. Dysentery	2	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	1	....	2	....	....	1	1	....	....	....	....	....	....	1	1	....	....	....	....	....
20. Purulent infection and septicaemia	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
Total deaths from tuberculosis	10	....	....	....	....	....	....	....	1	4	..	2	1	..	1	1	..	4	6	....	9	1	....	1	9	....	....	....	....	....	....	7	2	..	....	1	..
28. Tuberculosis of the lungs	10	....	....	....	....	....	....	....	1	4	..	2	1	..	1	1	..	4	6	....	9	1	....	1	9	....	....	....	....	....	....	7	2	..	....	1	..
40. Cancer and other malignant tumors of the stomach, liver	2	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	2	....	....	....	2	....	....	2	....	2	....	....	....	....	....	....	....	....	....	....	....
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
50. Diabetes	3	....	....	....	....	....	....	....	....	....	....	1	....	2	....	....	....	2	1	....	3	....	....	3	....	....	....	....	....	....	....	1	1	1	....	....	1	..
54. Anaemia, chlorosis	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....
56. Alcoholism (acute or chronic)	2	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	2	....	....	1	1	1	1	....	....	1	1	....	....	....	....	....	....	....	....	....
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	2	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	2	....	....	2	....	....	1	1	....	....	1	..	1	....	....	....	....	....	....	....	....	....
64. Cerebral haemorrhage, apoplexy	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
71. Convulsions of infants	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....

KENORA—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	22	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
III.—Diseases of the Circulatory System																																						
Group Total	3										1			1		1			3		2	1		1	2		1						1	1				
79. Organic diseases of the heart	2										1			1					2		1	1		1	1		1						1					
81. Diseases of the arteries, atheroma, aneurysm, etc.	1															1			1		1				1								1					
IV.—Diseases of the Respiratory System																																						
Group Total	6	2								2		1	1					4	2		3	2	1	3	3			5	1									
89. Acute bronchitis	1	1																	1		1			1					1								
92. Pneumonia	5	1								2		1	1					4	1		2	2	1	2	3			5									
V.—Diseases of the Digestive System.																																						
Group Total	10	6	1		1					1		1						6	4		9	1		8	2							2	3	2	1	2		
101. Diseases of the oesophagus	1												1						1			1			1							1					
104. Diarrhoea and enteritis (under 2 years)	7	6	1															5	2		7			7								2	2	1	2		
105. Diarrhoea and enteritis (2 years and over)	2				1					1								1	1		2			1	1							1	1				
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	1									1									1		1				1								1					
120. Bright's disease	1									1									1		1				1								1					
X.—Congenital Malformations.																																						
Group Total	2	2																1	1		2			2										1		1		
150. Congenital malformations (still-births not included	2	2																1	1		2			2										1		1		
XI.—Diseases of Early Infancy.																																						
Group Total	3	3																1	2		3			3											2		1	
151. Congenital debility, icterus, and sclerema	3	3																1	2		3			3											2		1	
154. XII.—Old Age.																																						
Group Total	6														2	4		2	4		3	3		1	5		1					2	1			2		

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CAUSES OF DEATH IN THE COUNTY OF KENT, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1. 0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	533	110	13	6	4	4	12	8	12	36	28	24	42	77	80	76	1	289	244	..	436	94	3	220	311	2	48	76	50	44	60	31	37	27	38	35	48	39
I.—General Diseases.																																						
Group Total	149	8	5	3	1	1	6	4	9	19	16	10	20	25	16	6	..	77	72	....	127	21	1	55	94	....	11	41	18	7	12	9	13	2	8	6	10	12
1. Typhoid fever	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	..
7. Scarlet fever	1	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	..
8. Whooping cough	3	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	2	1	....	3	....	....	....	....	....	....	....	....	....	....	1	2	....	..
9. Diphtheria and croup	12	2	1	....	....	1	5	3	....	....	....	....	....	....	....	....	....	6	6	....	12	....	....	12	....	....	1	1	....	1	....	....	2	....	1	....	....	2
10. Influenza	51	3	2	3	1	....	1	3	....	11	10	7	2	2	5	1	....	25	26	....	45	5	1	20	31	....	....	33	14	....	1	1	....	....	1	....	4	1
14. Dysentery	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	..
20. Purulent infection and septicaemia	2	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	2	....	....	2	....	....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	1
Total deaths from tuberculosis	32	1	..	..	..	..	..	..	4	7	3	..	8	5	3	1	..	16	16	....	28	4	....	10	22	....	5	1	3	2	5	3	3	1	1	1	1	6
28. Tuberculosis of the lungs	29	....	....	....	....	....	....	....	4	7	2	..	7	5	3	1	..	13	16	....	25	4	....	9	20	....	3	1	3	2	5	3	3	1	1	1	1	5
30. Tuberculous meningitis	2	....	....	....	....	....	....	....	....	....	1	..	1	....	....	....	....	2	....	....	2	....	....	....	2	....	2	....	....	....	....	....	....	....	....	....	....	..
34. Tuberculosis of other organs	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	..
40. Cancer and other malignant tumors of the stomach, liver	4	....	....	....	....	....	....	....	....	....	....	....	1	1	2	....	....	2	2	....	4	....	....	1	3	....	1	....	....	....	....	1	..	2	....	....	....	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	4	....	....	....	....	....	....	....	....	....	....	....	2	....	2	....	....	3	1	....	....	4	....	....	4	....	....	1	....	....	....	....	....	....	....	2	1	..
42. Cancer and other malignant tumors of the female genital organs	5	....	....	....	....	....	....	....	....	....	....	....	1	3	1	....	....	....	5	....	4	1	....	....	5	....	....	....	....	1	..	2	1	....	....	....	1	..
43. Cancer and other malignant tumors of the breast	4	....	....	....	....	....	....	....	....	....	....	....	3	1	....	....	....	....	4	....	3	1	....	....	4	....	1	2	1	....	....	....	....	....	....	....	....	..
44. Cancer and other malignant tumors of the skin	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	..
45. Cancer and other malignant tumors of other organs or of organs not specified	8	....	....	....	....	....	....	....	....	....	1	1	3	2	..	1	..	2	6	....	7	1	....	....	8	....	1	1	..	1	..	1	3	1	....	....	....	..
46. Other tumors (tumors of the female genital organs excepted)	3	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	....	3	....	....	1	2	....	....	3	....	....	....	....	....	1	1	....	....	1	....	....	..
47. Acute articular rheumatism	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	..
48. Chronic rheumatism and gout	2	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	1	1	....	2	....	....	1	1	....	....	....	....	1	....	....	....	....	....	....	....	1
50. Diabetes	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	..

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Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
103. Other diseases of the stomach (cancer excepted)	3											1		1	1			2	1		2	1		1	2				1		1						1	
104. Diarrhoea and enteritis (under 2 years)	23	21	2															10	13		23			23			1	2		2	2			1	5	5	3	2
105. Diarrhoea and enteritis (2 years and over)	3			2						1								2	1		2	1		3							1	1			1			
109. Hernia, intestinal obstructions	3	2												1				1	2		2	1		2	1		1						2				
110. Diseases of the intestines	1	1																1			1			1												1	
113. Cirrhosis of the liver	1														1			1			1				1			1									
115. Other diseases of the liver	4										1		1	1		1		2	2		3	1			4			1		2				1			
VI.—Non-Venereal Diseases of the Gen-ito-Urinary System and Annexa.																																						
Group Total	14									2		2	1	5	2	2		5	9		12	2		1	13		2	2		1	3			1	1		3	1
120. Bright's disease	11									2			1	5	1	2		4	7		10	1		1	10		2	1			3			1	1		2	1
124. Diseases of the bladder	1											1						1			1				1												1	
128. Uterine haemorrhage (non-puerperal)	1														1				1			1			1												
130. Other diseases of the uterus	1											1							1		1				1					1							
VII.—The Puerperal State.																																						
Group Total	1								1										1		1				1				1									
138. Puerperal albuminuria and convulsions	1								1										1		1				1				1									
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	4		1							1					1	1		3	1		2	2		2	2				1		1		1				1	
142. Gangrene	3		1												1	1		2	1		1	2		1	2				1				1				1	
144. Acute abscess	1									1								1			1			1							1							
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1													1					1		1			1													1	
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1													1					1		1			1													1	
X.—Congenital Malformations.																																						
Group Total	5	5																5			5			5				2		1	1			1			
150. Congenital malformations (still-births not included)	5	5																5			5			5				2		1	1			1			

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CAUSES OF DEATH IN THE COUNTY OF LAMBTON, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	456	41	4	6	3	3	11	14	16	33	32	25	36	59	89	83	1	219	237		341	110	5	147	305	4	27	81	61	30	33	36	31	26	32	33	32	34
I.—General Diseases.																																						
Group Total	136	6	1	2	2	3	5	7	9	20	15	13	12	19	16	6	..	56	80	....	114	21	1	57	78	1	5	39	19	8	10	10	5	11	9	6	9	5
1. Typhoid fever	4	....	....	....	....	....	....	....	2	....	....	....	1	1	....	....	....	2	2	....	4	....	....	2	2	....	....	....	....	....	1	....	....	....	....	....	2	1
6. Measles	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
7. Scarlet fever	2	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	2	....	2	....	....	2	....	....	....	....	1	....	....	....	....	....	....	1	....	....
8. Whooping cough	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9. Diphtheria and croup	6	....	....	....	1	1	3	1	....	....	....	....	....	....	....	....	....	2	4	....	6	....	....	6	....	....	1	..	1	....	....	....	....	1	1	....	1	1
10. Influenza	56	5	1	1	..	1	..	1	4	10	11	4	4	4	6	4	..	28	28	....	48	8	....	22	34	....	2	32	12	3	4	1	..	1	1	....	....	....
20. Purulent infections and septicaemia	2	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	2	....	2	....	....	1	1	....	....	....	....	....	....	1	..	1	....	....	....	....
Total deaths from tuberculosis	22	....	....	....	....	....	....	2	2	9	1	2	2	3	1	....	....	10	12	....	19	3	....	11	11	....	..	1	..	3	1	2	1	4	6	2	1	1
28. Tuberculosis of the lungs	18	....	....	....	....	....	....	1	2	8	1	1	2	2	1	....	....	8	10	....	16	2	....	9	9	....	....	....	....	3	..	2	1	4	5	2	..	1
29. Acute miliary tuberculosis	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....
30. Tuberculosis meningitis	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....
33. White swelling	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....
34. Tuberculosis of other organs	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	....	1	..	1	....	....	....	....	....	....	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	8	....	....	....	....	....	....	....	....	....	....	1	1	4	1	1	....	5	3	....	5	3	....	....	8	....	..	1	1	1	1	1	..	2	....	1	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	5	....	....	....	....	....	....	....	....	....	....	1	1	1	2	....	....	1	4	....	2	3	....	....	5	....	....	....	1	....	..	1	1	....	1	..	1	....
43. Cancer and other malignant tumors of the breast	5	....	....	....	....	....	....	....	....	....	1	..	2	1	....	1	....	....	5	....	4	1	....	1	4	....	....	....	1	....	....	....	1	....	....	....	1	2
45. Cancer and other malignant tumors of other organs or of organs not specified	4	....	....	....	....	....	....	1	....	....	....	....	....	2	1	....	....	2	2	....	3	....	1	2	2	....	..	1	....	..	1	1	..	....	....	....	1	..
47. Acute articular rheumatism	3	....	....	....	....	....	....	1	....	....	1	1	....	....	....	....	....	1	2	....	2	1	....	2	1	....	....	....	1	..	1	1	..	....	....	....	....	..
48. Chronic rheumatism and gout	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....
50. Diabetes	4	....	....	....	....	....	1	..	1	....	....	....	1	....	1	....	....	2	2	....	3	1	....	2	2	....	....	....	....	....	1	..	1	1	....	....	1	..
51. Exophthalmic goitre	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....
54. Anaemia, chlorosis	8	....	....	....	1	....	....	....	....	....	1	3	....	1	2	....	....	....	8	....	7	1	....	3	5	....	2	1	....	....	1	1	1	....	2	....	....	....
55. Other general diseases	2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	1	1	....	2	....	....	1	1	....	....	1	....	....	....	....	1	....	....	....	....	....

| II.—Diseases of the Nervous System and of the Organs of Special Sense. | | |

LAMBTON—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	13												1	2	7	3		8	5		9	4		1	12		3		1	3		2	1	1				2
120. Bright's disease	7												1	1	4	1		3	4		5	2		1	6		3			2		1					1
122. Other diseases of the kidneys and annexa	1															1			1		1				1				1								
126. Diseases of the prostate	5												1	3	1			5			3	2			5					1		1	1	1			1
VII.—The Puerperal State.																																						
Group Total	5									2	3								5		5				5		1			1	1				1	1	
134. Accidents of pregnancy	3									1	2								3		3				3		1				1					1	
138. Puerperal albuminuria and convulsions	2									1	1								2		2				2					1					1	
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	4											1			1	2		3	1		2	2		1	3			1	1	1					1		
142. Gangrene	3										1			1	1			2	1		2	1		1	2			1	1								
143. Furuncle	1														1			1				1			1										1		
X.—Congenital Malformations.																																						
Group Total	4	4																1	3		4			4								1	1		1	1	
150. Congenital malformations (still-births not included)	4	4																1	3		4			4								1	1		1	1	
XI.—Diseases of Early Infancy.																																						
Group Total	21	21																6	15		21			21			1	4	2		1	1	4	1	4	2		1
151. Congenital debility, icterus, and sclerema	17	17																5	12		17			17					3	2		1	1	3	1	3	2		1
152. Other diseases peculiar to early infancy	4	4																1	3		4			4			1	1							1			
154. XII.—Old Age.																																						
Group Total	41														13	28		22	19		20	21		4	37		3	7	8	2	5	2	3	1	1	2	1	6

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CAUSES OF DEATH IN THE COUNTY OF LANARK, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	328	54		8	3	2	2	6	4	2	23	14	18	26	47	60	58	1	159	169		290	32	6	119	199	10	38	48	43	27	27	26	23	19	24	21	20	12
I.—GENERAL DISEASES.																																						
Group Total	81	3	3	..	1	1	5	2	..	..	8	6	11	..	8	14	10	9	..	40	41	..	73	8	..	27	52	2	8	14	13	6	6	4	7	5	5	5	5	3
1. Typhoid fever	2	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	2	..	..	2	..	..	2	..	..	..	..	1	..	..	1	..	..	..	..	..
8. Whooping cough	5	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	..	5	..	..	5	..	..	..	..	1	..	2	1	..	..	..	..	1	..
9. Diphtheria and croup	5	..	..	..	1	1	3	..	..	..	..	..	..	..	..	..	..	..	1	4	..	5	..	..	5	..	..	..	2	..	..	1	..	..	..	..	..	1	..
10. Influenza	16	..	..	..	..	..	1	1	..	..	3	3	3	..	1	1	3	..	9	7	..	15	1	..	5	10	1	..	5	8	1	1	..	..	..	..	..	..	1
14. Dysentery	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
18. Erysipelas	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
Total deaths from tuberculosis	17	..	..	..	..	..	..	..	..	..	4	2	3	2	4	..	2	..	12	5	..	16	1	..	4	13	..	3	4	3	..	..	..	2	3	..	1	1	..
28. Tuberculosis of the lungs	15	..	..	..	..	..	..	..	..	..	3	2	3	2	3	..	2	..	10	5	..	14	1	..	3	12	..	3	4	3	..	..	..	2	2	..	..	1	..
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	3	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	2	1	..	1	2	..	..	3	..	1	..	..	1	1	..	..	..	..	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	6	..	..	..	..	..	..	..	..	..	..	..	..	1	3	1	1	..	2	4	..	4	2	..	1	5	..	1	..	..	1	..	..	1	1	1	..	..	1
43. Cancer and other malignant tumors of the breast	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	7	..	..	..	..	..	..	..	..	..	..	..	1	2	1	2	1	..	5	2	..	7	..	..	7	..	..	..	..	1	..	2	1	1	..	..	1	..	1
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	2	..	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	2	..
50. Diabetes	5	..	..	..	..	..	..	..	1	..	..	..	..	..	2	2	..	..	2	3	..	4	1	..	1	4	..	..	..	1	..	..	..	1	..	1	2	..	..
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..
53. Leuchaemia	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
54. Anaemia, chlorosis	6	..	1	..	..	..	..	..	..	..	..	..	1	1	1	2	..	..	1	5	..	6	..	..	2	4	..	..	..	..	2	1	..	..	1	2	..	..	..

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LANARK—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	15		1								2	1	3	1	3	4		9	6		14	1		2	11	2	1	4	3			1	3				2	1
119. Acute nephritis	5		1								1		2	1				3	2		5			2	3		1	2				2					
120. Bright's disease	8										1		1		3	3		5	3		7	1			6	2		2	3							2	1
124. Diseases of the bladder	1											1							1		1				1							1					
126. Diseases of the prostate	1															1		1			1				1						1						
VII.—The Puerperal State.																																						
Group Total	5									3	2								5		5			1	4						1	3					1
134. Accidents of pregnancy	2										2								2		2				2							2					
136. Other accidents of labor	1									1									1		1				1												1
138. Puerperal albuminuria and convulsions	1									1									1		1			1							1						
140. Following childbirth (not otherwise defined	1									1									1		1				1							1					
X.—Congenital Malformations.																																						
Group Total	4	3	1															3	1		4			4										2	2		
150. Congenital malformations (stillbirths not included)	4	3	1															3	1		4			4										2	2		
XI.—Diseases of Early Infancy.																																						
Group Total	27	27																11	16		27			27			2	5	3	2	2	2		2	4		3	2
151. Congenital debility, icterus, and sclerema	27	27																11	16		27			27			2	5	3	2	2	2		2	4		3	2
154. XII.—Old Age.																																						
Group Total	30															7	23	14	16		22	7	1	2	26	2	6	4	2	5	2	2	2	2	1	2	2	
XIII.—Affections Produced by External Causes.																																						
Group Total	9									3	1	1	1	1	1	1		4	5		8		1	2	5	2	1	2			1		2	1	1	1		
159. Suicide by firearms	1										1							1			1			1									1					
164. Poisoning by food	1									1									1		1			1			1										
167. Burns (conflagration excepted)	1									1									1		1				1			1									
169. Accidental drowning	2											1	1					1	1		2				2							2					
172. Traumatism by fall	1														1				1		1				1									1			

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CAUSES OF DEATH IN THE COUNTIES OF LEEDS AND GRENVILLE, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1..	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	628	49	12	6	5	1	14	11	15	30	32	45	45	119	129	110	5	298	330	...	519	89	20	218	385	25	53	61	93	39	47	42	48	38	50	57	50	50
I.—GENERAL DISEASES.																																					
Group Total	168	2	5	2	2	1	6	7	8	19	17	18	16	33	17	12	3	66	102	....	150	14	4	68	93	7	11	21	41	16	8	9	12	11	10	13	9	7
1. Typhoid fever	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	..
6 Measles	1	....	....	1	..	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	..
7. Scarlet fever	3	....	....	....	....	2	1	....	....	....	....	....	....	1	2	....	....	1	2	....	3	....	....	3	....	....	2	....	....	....	....	....	....	....	1	....	....	..
8. Whooping cough	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	..
9. Diphtheria and croup	4	....	....	....	1	..	3	....	....	....	....	....	....	2	....	....	....	2	2	....	4	....	....	4	....	....	....	....	....	1	1	....	....	....	1	..	1	..
10. Influenza	48	1	2	....	....	3	1	3	5	5	5	9	5	4	5	..	....	20	28	....	44	4	....	19	29	....	....	13	31	1	....	....	1	....	....	..	1	1
14. Dysentery	3	1	....	..	1	....	....	....	....	....	....	....	....	1	....	..	....	1	2	....	2	1	....	2	1	....	....	....	....	....	....	....	....	....	1	2	....	..
18. Erysipelas	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	..	....	1	....	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	..
20. Purulent infection and septicaemia	2	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	2	....	....	....	2	....	....	2	....	....	....	....	....	....	....	....	....	1	....	1	..
Total deaths from tuberculosis	41	....	2	1	..	....	....	....	5	12	8	5	2	4	1	..	1	16	25	....	36	3	2	23	16	2	2	4	3	4	5	5	3	4	2	8	..	1
28. Tuberculosis of the lungs	36	....	1	..	....	....	....	....	4	11	8	5	2	3	1	..	1	14	22	....	31	3	2	19	15	2	2	4	3	2	4	4	3	4	2	7	..	1
29. Acute miliary tuberculosis	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	..
30. Tuberculous meningitis	2	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	....	....	2	....	....	....	....	....	1	..	1	....	....	....	....	....	..
31. Abdominal tuberculosis	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	..
34. Tuberculosis of other organs	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	..
39. Cancer and other malignant tumors of the buccal cavity	3	....	....	....	....	....	....	....	....	....	....	....	....	2	..	1	..	2	1	....	1	2	....	....	2	1	1	....	....	1	....	....	1	....	....	....	....	..
40. Cancer and other malignant tumors of the stomach, liver	15	....	....	....	....	....	....	....	....	....	2	1	7	3	2	..	....	3	12	....	13	2	....	3	12	....	..	1	..	1	..	2	3	3	1	..	2	2
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	..
42. Cancer and other malignant tumors of the female genital organs	3	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	3	....	3	....	....	1	2	..	1	....	....	....	1	....	....	1	....	....	....	..
43. Cancer and other malignant tumors of the breast	4	....	....	....	....	....	....	....	....	....	....	....	2	2	....	....	....	....	4	....	4	....	....	....	3	1	1	..	....	1	1	....	....	....	1	....	....	..
45. Cancer and other malignant tumors of other organs or of organs not specified	12	....	....	....	....	....	....	....	....	1	2	1	3	3	2	..	....	7	5	....	11	1	....	2	9	1	..	1	1	..	1	1	1	2	..	2	1	2
48. Chronic rheumatism and gout	3	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	2	1	....	2	....	1	2	1	....	....	....	1	....	....	....	....	1	....	1	....	..
50. Diabetes	4	....	....	....	....	....	....	....	....	....	1	....	1	1	1	..	....	3	1	....	3	1	....	1	3	....	....	....	....	1	..	1	....	....	....	....	2	..
51. Exophthalmic goitre	2	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	2	....	2	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	..
54. Anaemia, chlorosis	14	....	....	....	....	....	1	....	..	1	..	3	1	6	1	..	1	4	10	....	14	....	....	2	11	1	1	..	3	4	..	1	2	..	1	..	1	1
55. Other general diseases	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	1	....	1	1	1	....	1	1	....	....	....	....	....	....	....	....	....	..

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LEEDS AND GRENVILLE—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
105. Diarrhoea and enteritis (2 years and over)	4			1			1		1					1				1	3		3		1	3		1							1	2		1	
107. Intestinal parasites	1												1					1					1	1									1				
108. Appendicitis and typhlitis	2	1					1											1	1		1	1		1	1										1		
109. Hernia, intestinal obstructions	2													1	1			1	1		1	1		1	1				1	1							
110. Diseases of the intestines	1									1								1			1				1			1									
113. Cirrhosis of the liver	2														2			1	1		1	1			1	1						2					
115. Other diseases of the liver	1													1				1			1				1									1			
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	36										1	1	6	14	11	3		20	16		31	4	1	4	31	1	5	2	1	3	1	4	4	1	4	5	2	4
120. Bright's disease	32										1	1	6	13	8	3		16	16		28	3	1	4	27	1	4	2	1	1	1	4	4	1	4	4	2	4
124. Diseases of the bladder	2													1	1			2			2				2					1					1		
126. Diseases of the prostate	2														2			2			1	1			2		1			1							
VII.—The Puerperal State.																																						
Group Total	2										2								2		1	1			2						1							1
136. Other accidents of labor	1										1								1			1			1													
140. Following childbirth (not otherwise defined	4																		1		1				1													1
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	3													1	2			1	2		3				3							2	1					
142. Gangrene	3													1	2			1	2		3				3							2	1					
X.—Congenital Malformations.																																						
Group Total	3	3																	3		3			3								1			1		1
150. Congenital malformations (still-births not included)	3	3																	3		3			3								1			1		1
XI.—Diseases of Early Infancy.																																						
Group Total	30	30																12	18		30			30			1	5	4	1	4	1	2	2	3	3	3	1
151. Congenial debility, icterus and sclerema	28	28																11	17		28			28			1	5	4		4		2	2	3	3	3	1
152. Other diseases peculiar to early infancy	2	2																1	1		2			2						1		1					
154. XII.—Old Age.																																						
Group Total	65													8	14	42	1	34	31		39	22	4	15	47	3	6	4	7	5	2	6	5	4	4	6	9	7

XIII.—Affections Produced by External Causes.																																						
Group Total	26				1		4	1	2	3	1	1	2	3	4	4		17	9		20	4	2	12	13	1	3	2	2		3	1	3	1	3	3	2	3
155. Suicide by poison	1															1		1					1		1										1			
157. Suicide by hanging or strangulation	1										1								1		1			1							1							
159. Suicide by firearms	1													1				1				1		1			1											
167. Burns (conflagrations excepted)	3						3												3		3			3			1				1		1				
169. Accidental drowning	6				1		1	1	1	1			1					6			4	1	1	4	1	1				1			2	1	1			1
172. Traumatism by fall	2												1		1			1	1		2				2									1	1			
174. Traumatism by machines	1													1				1			1				1						1							
175. Traumatism by other crushing	4								1	2				1				4			3	1		2	2			1	1			1					1	
(a) Railroad	1								1									1				1		1													1	
(b) Street car																																						
(c) Automobile	1									1								1			1			1							1							
(d) Other crushing	2									1				1				2			2				2			1	1									
185. Fractures (cause not specified)	4											1			1	2		1	3		4			1	3		1									1	2
186. Other external violence	3														2	1		2	1		2	1			3			1							2		
XIV.—Ill-Defined Diseases.																																						
Group Total	6	1									1		1	3				5	1		6			2	3	1	1		1		1		1	1	1			
189. Cause of death not specified or ill-defined	6	1									1		1	3				5	1		6			2	3	1	1		1		1		1	1	1			
Still-Births.																																						
Not included in totals	28	28																21	7		28			28			2	2	1	3	5	3	2	2	2	3	2	1

CAUSES OF DEATH IN THE COUNTIES OF LENNOX AND ADDINGTON, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	248	31	5	6	1	2	8	4	5	16	15	15	24	34	45	36	1	118	130	....	216	28	4	90	157	1	22	27	32	20	35	23	14	12	17	15	22	9
I.—General Diseases.																																						
Group Total	80	4	..	3	..	1	4	2	2	10	12	6	11	12	8	5	..	27	53	....	69	10	1	30	50	....	1	12	18	10	13	7	3	5	3	1	5	2
5. Smallpox	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	1	..	..	..	..	..	..	..	..
6. Measles	5	..	..	2	..	1	1	..	..	..	..	..	..	..	1	..	..	2	3	....	4	..	1	4	1	....	..	..	..	2	3	..	..	..	..	..	..	..
7. Scarlet fever	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	1	..	..	..	..	..	..
8. Whooping cough	7	4	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	2	5	....	7	..	....	..	..	....	..	2	2	1	1	..	..	..	..	..	1	..
9. Diphtheria and croup	2	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	1	1	....	2	..	....	..	..	....	..	..	..	2	..	..	..	..	..	..	..	..
10. Influenza	14	..	..	1	..	..	..	..	..	5	5	1	..	..	1	1	..	4	10	....	12	2	....	2	12	....	..	4	7	1	..	1	..	..	1	..	..	..
20. Purulent infection and septicaemia	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	1	..
Total deaths from tuberculosis	11	..	..	..	..	..	..	..	..	4	5	1	..	..	1	..	..	2	9	....	11	..	....	5	6	....	1	1	2	2	1	1	2	..	..	..	..	1
28. Tuberculosis of the lungs	10	..	..	..	..	..	..	..	..	4	4	1	..	..	1	..	..	2	8	....	10	..	....	5	5	....	1	1	2	1	1	1	2	..	..	..	..	1
29. Acute miliary tuberculosis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..
40. Cancer and other malignant tumors of the stomach, liver	6	..	..	..	..	..	..	..	..	..	1	1	1	2	..	1	..	2	4	....	4	2	....	3	3	....	..	1	1	..	1	..	..	1	1	..	..	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	1	....	2	..	....	1	1	....	..	..	..	1	..	1	..	..	..	..	..	..
42. Cancer and other malignant tumors of the female genital organs	6	..	..	..	..	..	..	..	..	..	..	1	2	3	..	..	..	..	6	....	5	1	....	1	5	....	..	..	..	..	3	1	..	..	..	..	2	..
44. Cancer and other malignant tumors of the skin	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	1	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	8	..	..	..	..	..	..	..	..	..	..	..	3	2	3	..	..	5	3	....	5	3	....	..	8	....	..	2	1	1	2	1	..	1	..	..	..	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	2	..	....	2	..	....	2	..	....	..	..	..	..	1	1	..	..	..	..	..	..
50. Diabetes	7	..	..	..	..	..	..	..	..	..	..	..	3	4	..	..	..	3	4	....	6	1	....	1	6	....	..	2	1	..	..	1	..	1	1	..	1	..
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..
54. Anaemia, chlorosis	4	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1	..	..	4	....	3	1	....	..	4	....	..	..	1	1	..	..	..	2	..	..	..	..

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LENNOX AND ADDINGTON—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	10												2	5	2	1		6	4		10			1	9		2	1		2	2				2		1	
120. Bright's disease	7												1	4	1	1		4	3		7			1	6		1	1		2	1				2			
122. Other diseases of the kidneys and annexa	1												1						1		1				1		1											
124. Diseases of the bladder	1													1				1			1				1												1	
126. Diseases of the prostate	1														1			1			1				1						1							
VII.—The Puerperal State.																																						
Group Total	2										1	1							2		2				2					1	1							
135. Puerperal haemorrhage	1											1							1		1				1					1								
138. Puerperal albuminuria and convulsions	1										1								1		1				1						1							
X.—Congenital Malformations																																						
Group Total	6	6																3	3		6			6			1	1							1	2	1
150. Congenital malformations (still-births not included)	6	6																3	3		6			6			1	1							1	2	1
XI.—Diseases of Early Infancy.																																						
Group Total	13	13																8	5		13			13			4	2		1	2				3	1		
151. Congenital debility, icterus and sclerema	13	13																8	5		13			13			4	2		1	2				3	1		
154. XII.—Old Age.																																						
Group Total	25														7	18		14	11		20	5		2	23		7	1	3	1	3	2	2		1	2	2	1
XIII.—Affections Produced by External Causes.																																						
Group Total	14			1	1	1	1	1	1	2	1	1	1	1	1		1	11	3		12	1	1	7	7			1		1	1	3	2	2		1	2	1
157. Suicide by hanging or strangulation	1													1				1			1				1													
165. Other acute poisonings	1			1															1		1			1												1	
167. Burns (conflagration excepted)	3							1					1				1	2	1		2		1	1	2							1	1			1		
168. Absorption of deleterious gases (conflagration excepted)	1										1							1			1		1		1					1							
169. Accidental drowning	3			1				1		1								2	1		3			3							1	1		1			
175. Traumatism by other crushing	1											1						1				1			1												1

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CAUSES OF DEATH IN THE COUNTY OF LINCOLN, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	283	56		3		3	2	5	6	6	16	21	16	20	37	49	43		136	147		219	62	2	107	171	5	31	35	31	23	25	17	24	22	29	14	17	15
I.—General Diseases.																																							
Group Total	58	2						3	2		8		13	10	4	9	4	3	21	37		40	18		13	45		8	18	4	2	4	5	3	2	5	2	3	2
7. Scarlet fever	3	1						2											1	2		3			3			2	1										
8. Whooping cough	1	1																	1			1			1				1										
9. Diphtheria and croup	1										1									1		1				1											1		
10. Influenza	15								1		3	8	1		2				6	9		11	4		4	11		1	11	2		1							
18. Erysipelas	1											1							1				1			1										1			
20. Purulent infection and septicaemia	1							1											1			1			1												1		
Total deaths from tuberculosis	14								1		4	3	5		1				5	9		8	6		3	11		1	3	1			1	1	1	4	1	1	
28. Tuberculosis of the lungs	11										4	2	4		1				5	6		6	5		2	9		1	3	1			1	1		3	1		
31. Abdominal tuberculosis	2											1	1							2		1	1			2													
34. Tuberculosis of other organs	1								1											1		1			1													1		
40. Cancer and other malignant tumors of the stomach, liver	4														2	1	1		2	2		3	1			4		1	1			1		1					
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1															1			1			1				1					1								
42. Cancer and other malignant tumors of the female genital organs	1												1							1		1				1						1							
43. Cancer and other malignant tumors of the breast	1											1								1		1			1								1						
44. Cancer and other malignant tumors of the skin	1																1			1			1			1										1			
45. Cancer and other malignant tumors of other organs or of organs not specified	5												1		2	2			1	4		4	1			5				1		1		1				2	
46. Other tumors (tumors of the female genital organs excepted)	1														1					1		1				1		1											
47. Acute articular rheumatism	1												1							1			1			1						1							
50 Diabetes	2														1	1			1	1		1	1			2		2											
53. Leuchaemia	2												1			1			1	1			2			2							1	1					
54. Anaemia, chlorosis	3														1	1	1			3		2	1			3			1			1	1					

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LINCOLN—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	12	1						1		1	1	1	3	1	3			5	7		9	2	1	3	8	1	4			1		1	3		2			1
119. Acute nephritis	1	1																1			1			1						1							
120. Bright's diease	7							1			1		3	1	1			3	4		5	2		1	6		1				1	2		2			1
122. Other diseases of the kidneys andannexa	1										1								1		1				1		1										
124. Diseases of the bladder	1														1				1		1			1			1										
126. Diseases of the prostate	1														1			1					1			1						1					
130. Other diseases of the uterus	1									1									1		1				1		1										
VII.—The Puerperal State.																																						
Group Total	2										2								2		2				2					1		1					
136. Other accidents of labor	2										2								2		2				2					1		1					
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	2													1		1		1	1			2			2						2							
142. Gangrene	2													1		1		1	1			2			2						2							
X.—Congenital Malformations.																																						
Group Total	6	5				1												2	4		6			6			2	1	1			1		1			
150. Congenital malformations (still-births not included)	6	5				1												2	4		6			6			2	1	1			1		1			
XI.—Diseases of Early Infancy.																																						
Group Total	31	31																14	17		31			31			3	3	3	3	2		6		9	1	1	
151. Congenital debility, icterus, and sclerema	30	30																13	17		30			30			3	3	3	2	2		6		9	1	1	
152. Other diseases peculiar to early infancy	1	1																1			1			1						1							
154. XII.—Old Age.																																						
Group Total	29														8	21		14	15		22	7		3	26		4	2	5	3	2	1	2	3		2	3	2

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CAUSES OF DEATH IN THE DISTRICT OF MANITOULIN, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**163**	**39**	**6**	**2**	**2**	**1**	**3**	**8**	**4**	**9**	**10**	**14**	**16**	**16**	**14**	**17**	**2**	**88**	**75**		**153**	**10**		**69**	**93**	**1**	**15**	**29**	**18**	**14**	**15**	**7**	**9**	**10**	**13**	**11**	**8**	**14**
I.—General Diseases.																																					
Group Total	38	1	1	1	1	2	4	2	2	4	7	9	2	2	1	18	20	36	2	13	24	1	3	7	8	3	4	2	2	1	3	3	2				
10. Influenza	13	1	1	1	1	1	1	1	2	2	2	2	1	6	7	13	6	7	6	6	1																
Total deaths from tuberculosis	10	2	2	1	2	1	1	9	1	1	1	1	1	1	1	4	5	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
28. Tuberculosis of the lungs	10	2	2	1	2	1	1	9	1	1	1	1	1	1	1	4	5	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
40. Cancer and other malignant tumors of the stomach, liver	3	2	1	3	2	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43. Cancer and other malignant tumors of the breast	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44. Cancer and other malignant tumors of the skin	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
45. Cancer and other malignant tumors of other organs or of organs not specified	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47. Acute articular rheumatism	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
50. Diabetes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
51. Exophthalmic goitre	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
54. Anaemia, chlorosis	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	12	1	1	1	1	1	1	1	1	1	1	1	4	2	1	6	6	12	4	8	2	2	1	2	1	2	1	1	1	2	1	1	2				
61. Meningitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
64. Cerebral haemorrhage, apoplexy	4	4	4	4	4	4	4	4	4	4	4	4	2	1	1	2	2	4	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
66. Paralysis without specified cause	4	4	4	4	4	4	4	4	4	4	4	4	1	2	1	2	2	4	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
69. Epilepsy	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
76. Diseases of the ears	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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MANITOULIN—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XI.—Diseases of Early Infancy.																																						
Group Total	27	27																14	13		27			27			1	4	2	2	3	2	1	2	6	3		1
151. Congenital debility, icterus, and sclerema	25	25																13	12		25			25			1	4	2	2	3	2		2	5	3		1
152. Other diseases peculiar to early infancy	2	2																1	1		2			2									1	1				
154. XII.—Old Age.																																						
Group Total	21													1	6	14		10	11		15	6			21		3	2	3	1	1	2	2	2	1	2		2
XIII.—Affections Produced by External Causes.																																						
Group Total	3						1	1				1						3			3			2	1										1		1	1
164. Poisoning by food	1											1						1			1				1										1			
169. Accidental drowning	2						1	1										2			2			2												1	1
XIV.—Ill-Defined Diseases.																																						
Group Total	10		6							1	1			2				3	7		10			7	3			3	1	2				3				1
189. Cause of death not specified or ill-defined	10		6							1	1			2				3	7		10			7	3			3	1	2				3				1
Still-Births.																																						
Not included in totals	3	3																3			3			3			1									1		1

CAUSES OF DEATH IN THE COUNTY OF MIDDLESEX, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	587	44		11	3	5	2	11	11	10	38	39	34	54	87	120	115	3	308	279	....	419	144	24	176	384	27	56	86	77	43	31	44	42	52	32	47	43	34
I.—General Diseases.																																							
Group Total	168	7	2	1	4	1	6	4	6	25	18	14	21	32	17	10	..	90	78	....	129	30	9	61	98	9	12	38	21	14	10	11	10	15	9	14	8	6
1. Typhoid fever	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	..
8. Whooping cough	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	..
9. Diphtheria and croup	8	....	....	....	....	3	....	2	1	1	....	1	....	....	....	....	....	....	4	4	....	8	....	....	7	1	....	2	....	....	....	2	2	1	....	....	....	....	1
10. Influenza	44	4	1	1	1	....	4	1	2	....	8	8	2	4	3	3	2	..	24	20	....	40	2	2	21	20	3	....	30	10	1	....	....	....	....	1	2	....	..
14. Dysentery	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	..
19. Other epidemic diseases	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	..
20. Purulent infection and septicaemia	5	....	....	....	....	....	....	....	....	....	1	....	....	2	1	1	....	....	3	2	....	4	1	....	....	5	....	....	....	....	1	....	....	....	1	2	....	1
24. Tetanus	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	..
Total deaths from tuberculosis	42	1	..	....	....	....	....	1	3	15	8	8	....	6	....	....	..	....	30	12	....	25	11	6	22	17	3	3	3	3	5	5	1	3	5	2	4	4
28. Tuberculosis of the lungs	39	....	....	....	....	....	....	1	3	15	7	8	....	5	....	....	..	....	28	11	....	24	10	5	21	16	2	3	3	2	5	5	1	3	3	2	4	4
30. Tuberculous meningitis	2	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	....	1	....	1	1	1	....	....	....	....	....	....	....	....	2	....	....	....	..
31. Abdominal tuberculosis	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	..
39. Cancer and other malignant tumors of the buccal cavity	2	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	2	....	....	1	1	....	....	2	....	....	....	1	....	....	....	1	....	....	....	....	..
40. Cancer and other malignant tumors of the stomach, liver	18	....	....	....	....	....	....	....	....	....	....	1	6	6	3	2	..	....	11	7	....	12	5	1	....	16	2	1	1	4	1	2	2	2	1	..	3	1	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	7	....	....	....	....	....	....	....	....	....	1	....	....	2	2	2	..	....	2	5	....	5	2	....	1	6	....	1	..	....	....	....	1	2	1	1	....	1	..
42. Cancer and other malignant tumors of the female genital organs	2	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	2	....	2	....	....	....	2	....	....	....	1	....	....	....	1	....	....	....	....	..
43. Cancer and other malignant tumors of the breast	2	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	2	....	2	....	....	....	2	....	....	....	....	1	..	1	....	....	....	....	....	..
44. Cancer and other malignant tumors of the skin	3	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	..	....	2	1	....	2	1	....	....	3	....	....	1	1	....	....	....	....	....	....	1	..
45. Cancer and other malignant tumors of other organs or of organs not specified	10	....	....	....	....	....	....	....	....	....	....	1	3	1	3	2	..	....	4	6	....	6	4	....	2	8	....	1	..	1	..	1	2	3	2	....	....	..
47. Acute articular rheumatism	2	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	..	....	....	2	....	2	....	....	1	1	....	....	....	....	1	..	1	....	....	....	....	....	..
48. Chronic rheumatism and gout	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	..	....	....	1	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	..
50. Diabetes	2	....	....	....	....	....	....	....	....	....	....	....	1	..	1	....	..	....	....	2	....	2	....	....	1	1	....	1	..	....	....	....	....	....	....	....	....	....	..
53 Leuchaemia	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	..	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	..
54. Anaemia, chlorosis	12	....	....	....	....	....	....	....	....	....	1	..	1	1	6	2	1	..	5	7	....	10	2	....	1	10	1	3	1	....	3	1	....	....	1	1	2	....	..
55. Other general diseases	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	..	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	..

MIDDLESEX—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	71		3	2				1	1	1	1	7	6	6	11	18	14		41	30		54	15	2	18	52	1	10	7	10	5	2	7	1	9	6	3	8	3
60. Encephalitis	2											1		1						2		2			1	1			2										
61. Meningitis	3		1				1					1							2	1		3			2	1									1			2
63. Other diseases of the spinal cord	2														2				2			2				2				1							1	
64. Cerebral haemorrhage, apoplexy	36											2	4	8	13	9			21	15		29	5	2	5	31		3	4	7	2	2	3		5	3	1	5	1
65. Softening of the brain	1														1					1		1				1		1										
66. Paralysis without specified cause	7							1						2		4			5	2		4	3		1	6		2		1	1			2			1	
67. General paralysis of the insane	9											4	3			1	1		8	1		2	7		2	6	1		1	1			2		1	1	2	1
68. Other forms of mental alienation	1															1				1		1				1								1				
69. Epilepsy	4										1	1	1						2	2		4			2	2		2				1		1				
71. Convulsions of infants	4		3	1																4		4			4				1	1			1	1				
72. Chorea	1							1												1		1			1						1							
74. Other diseases of the nervous system	1													1					1			1				1			1									
III.—Diseases of the Circulatory System																																						
Group Total	112		1					2		3	2	4	9	20	35	35	1	54	58		64	42	6	18	83	11	16	5	21	9	4	6	16	6	5	9	11	4
77. Pericarditis	1							1												1		1			1			1										
78. Acute endocarditis	1												1					1				1			1													1
79. Organic diseases of the heart	64		1					1		3	2	2	7	13	22	12	1	27	37		41	20	3	12	50	2	6	2	11	5	1	1	12	5	2	7	10	2
80. Angina pectoris	2														2			2			1	1			1	1						2						
81. Diseases of the arteries, atheroma, aneurism, etc.	43											1	1	7	11	23		24	19		19	21	3	4	31	8	9	3	10	4	2	3	4	1	3	2	1	1
85. Haemorrhage; other diseases of the circulatory system	1											1							1		1			1							1						
IV.—Diseases of the Respiratory System																																						
Group Total	65		5	2	1	1	1	2	1	5	4	4	8	7	16	8		30	35		51	14		23	40	2	6	15	10	7	2	2	1	5	1	5	4	7
89. Acute bronchitis	3		1										1			1		1	2		2	1		2	1		1		1		1							
90. Chronic bronchitis	4									1				1	2				4		3	1		2	2		1			1				1		1		
91. Broncho-pneumonia	3		1													2		1	2		2	1		1	2					1				1		1		
92. Pneumonia	43		3	2	1	1	1	2	1	4	3	4	4	5	7	5		21	22		34	9		14	27	2	4	14	6	2	1	2	1	3		2	3	5
93. Pleurisy	3												1		2			2	1		2	1		2	1				2	1								
94. Pulmonary congestion, pulmonary apoplexy	2														2				2		2				2										1		1
96. Asthma	5									1			1	1	2			4	1		4	1		2	3			1		1				1		1	1	
97. Pulmonary emphysema	1													1					1						1					1								
98. Other diseases of the respiratory system (tuberculosis excepted)	1												1					1			1			1					1								

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MIDDLESEX—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XI.—Diseases of Early Infancy.																																						
Group Total	22	22																14	8		22			22			3	7	1	1	2		2	1	1	1	1	2
151. Congenital debility, icterus, and sclerema	18	18																14	4		18			18			2	7		1	2		2	1			1	2
152. Other diseases peculiar to early infancy	4	4																	4		4			4			1		1						1	1		
154. XII.—Old Age.																																						
Group Total	47													2	16	29		23	24		21	23	3	4	43		2	2	5	2	5	8	1	7	3	3	6	3
XIII.—Affections Produced by External Causes.																																						
Group Total	23						1	2	2	1	2	1	2	2	2	7	1	13	10		19	3	1	8	13	2	2	4	3		1	2	3	4		3		1
157. Suicide by hanging or strangulation	1													1				1			1				1													
159. Suicide by firearms	1										1							1			1				1										1		
165. Other acute poisonings	2						1						1					1	1		2			1	1			1									1
169. Accidental drowning	6						1	2				1		1		1		3	3		4	2		4	2				1			1	1	3				
172. Traumatism by fall	3												1			2		1	2		2	1			3		1		1						1		
175. Traumatism by other crushing	1						1											1			1			1				1									
(a) Railroad																																						
(b) Street car																																						
(c) Automobile																																						
(d) Other crushing	1						1											1			1			1				1									
178. Excessive cold	1													1				1			1			1													
181. Electricity (lightning excepted)	1										1							1			1				1							1					
185. Fractures (cause not specified)	6									1				2	3			3	3		5		1	1	4	1		2			1		1	1		1	
186. Other external violence	1														1				1		1					1											
XIV.—Ill-Defined Diseases.																																						
Group Total	7											1	2	4				1	6		5	1	1	1	5	1			1		1	3			1	1		
187. Ill-defined organic disease	2													2					2		2				2				1						1		
189. Cause of death not specified or ill-defined	5											1	2	2				1	4		3	1	1	1	3	1					1	3			1		
Still-Births.																																						
Not included in totals	22	22												14				14	8		22			22			2	2	1	3	3	2	2		3		1	3

CAUSES OF DEATH IN THE DISTRICT OF MUSKOKA, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	270	41		5	1	3	3	5	6	18	31	34	15	11	17	41	32	7	153	117	....	184	73	13	114	137	19	15	28	31	29	23	19	20	18	29	23	22	13
I.—General Disease.																																							
Group Total	107	2	2	..	1	2	2	4	7	20	27	11	6	5	9	4	5	59	48	....	74	23	10	38	53	16	8	18	15	12	7	8	6	6	10	8	3	6
1. Typhoid fever	1	....	....	....	....	....	....	1	..	....	....	....	....	....	....	1	..	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....
5. Smallpox	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....
8. Whooping cough	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
9. Diphtheria and croup	2	....	....	....	1	..	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	....	....	2	....	....	....	....	1	....	....	....	....	1	....	....	....	....
10. Influenza	13	1	2	....	....	2	....	....	2	....	3	..	1	....	....	2	..	....	5	8	....	12	1	....	7	6	....	....	6	5	1	....	....	....	....	....	....	1	..
20. Purulent infection and septicaemia	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
Total deaths from tuberculosis	62	....	....	....	....	....	....	....	1	5	17	24	8	1	..	1	..	5	38	24	....	38	14	10	20	26	16	6	10	7	8	5	4	4	3	6	3	2	4
28. Tuberculosis of the lungs	58	....	....	....	....	....	....	....	1	5	15	24	6	1	..	1	..	5	35	23	....	36	13	9	18	25	15	5	10	6	8	4	3	4	3	6	3	2	4
30. Tuberculous meningitis	1	....	....	....	....	....	....	....	....	....	1	..	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
31. Abdominal tuberculosis	3	....	....	....	....	....	....	....	....	....	1	..	2	....	....	....	....	....	2	1	....	1	1	1	1	1	1	1	....	....	....	....	1	1	....	....	....	....	....
36. Rickets	1	....	....	....	....	....	....	....	....	....	1	..	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	4	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	..	....	2	2	....	2	2	....	....	4	....	....	1	....	....	....	1	..	....	2	....	....	....
43. Cancer and other malignant tumors of the breast	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	1	....	....	2	....	1	1	....	....	2	....	1	....	....	1	....	....	....	....	....	....	....	....	....
44. Cancer and other malignant tumors of the skin	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	7	....	....	....	....	....	....	1	..	....	....	2	....	2	2	....	....	....	5	2	....	5	2	....	2	5	....	1	....	....	1	..	2	..	1	..	2	....	....
47. Acute articular rheumatism	2	....	....	....	....	....	....	1	..	1	....	....	....	....	....	....	....	....	2	....	....	2	....	....	2	....	....	....	....	1	....	1	....	....	....	....	....	....	....
48. Chronic rheumatism and gout	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	1	....	2	....	....	1	1	....	....	....	....	....	....	1	....	....	....	....	....	....	1
50. Diabetes	3	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	....	....	....	3	....	1	2	....	....	3	....	....	1	....	....	1	....	1	....	....	....	....	....
51. Exophthalmic goitre	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
54. Anaemia, chlorosis	3	....	....	....	....	....	....	....	....	....	....	....	....	1	..	2	....	....	1	2	....	2	1	....	....	3	....	....	....	1	....	....	....	1	..	1	....	....	....

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	18	3				1		1	1			2	1	3	5	1		9	9		15	3		6	12			2	2	1		4	1	2	2	1	1	2
61. Meningitis	2							1				1						1	1		2			1	1						1			1			
64. Cerebral haemorrhage, apoplexy	6													1	4	1		5	1		3	3			6				1		2	1	1				1
66. Paralysis without specified cause	4												1	2	1			1	3		4				4			2						1		1	
68. Other forms of mental alienation	1					1												1			1			1							1						
69. Epilepsy	2	1										1							2		2			1	1										1		
71. Convulsions of infants	2	2																1	1		2			2					1								
72. Chorea	1								1										1		1			1													
III.—Diseases of the Circulatory System																																						
Group Total	23									2	1		1	4	9	5	1	14	9		10	11	2	2	19	2	3		1	3	6	1	2	1	2	2	1	1
78. Acute endocarditis	1										1							1			1				1		1										
79. Organic diseases of the heart	15									2			1	3	5	3	1	10	5		5	8	2	1	12	2	2		1	3	5			2		1	1
81. Diseases of the arteries, atheroma, aneurism, etc	6													1	3	2		3	3		3	3		1	5						1	1	2		2		
85. Haemorrhage; other diseases of the circulatory system	1														1				1		1				1								1				
IV.—Diseases of the Respiratory System																																						
Group Total	27	6						3	1	2		1	2	7	5			17	10		17	10		10	16	1		4	7	1	3			2	1	3	4	2
89. Acute bronchitis	2	2																2			2			2										1	1			
90. Chronic bronchitis	8											1	2	2	3			4	4		3	5			8			1	2		1		1		1	2	
91. Broncho-pneumonia	3	2									1							3			3			3		1		1	1		1						
92. Pneumonia	11	2						1	1	1				5	1			6	5		7	4		3	7	1		2	3	1	1			1	1	1	2
93. Pleurisy	3							2							1			2	1		2	1		2	1				1					1		1	
V.—Diseases of the Digestive System.																																						
Group Total	8	3	2						1						2			2	6		6	2		6	2		1		1				1		4		1	
103. Other diseases of the stomach (cancer excepted)	2																2	1		1			2		2						1				1	
104. Diarrhoea and enteritis (under 2 years)	5	3	2																5		5			5					1					4			
108. Appendicitis and typhlitis	1								1									1			1			1			1										
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	6								1			2			3			3	3		3	3		1	5		1				2		1		2		
119. Acute nephritis	2								1		1								2		2			1	1		1						1				
120. Bright's disease	3										1				2			2	1		1	2			3						2				1		
126. Diseases of the prostate	1														1			1				1			1										1		

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		0-1 Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**351**	**111**	**15**	**10**	**8**	**7**	**17**	**14**	**10**	**26**	**19**	**14**	**21**	**28**	**26**	**16**	**9**	**209**	**142**	....	**325**	**14**	**12**	**222**	**123**	**6**	**17**	**66**	**42**	**25**	**25**	**20**	**22**	**24**	**34**	**28**	**30**	**18**
I.—General Diseases.																																					
Group Total	101	16	6	4	4	4	9	11	7	9	8	7	5	7	2	..	2	49	52	....	95	4	2	72	27	2	5	28	15	5	8	3	4	5	9	7	5	7
1. Typhoid fever	12	....	..	..	1	....	1	3	2	2	2	....	..	..	..	..	1	10	2	....	11	....	1	7	4	1	1	2	..	..	1	1	..	..	1	1	2	3
6. Measles	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	....	2	....	....	2	....	....	..	..	..	..	1	..	1	..	..	..	..	..
8. Whooping cough	9	6	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	1	8	....	9	....	....	9	....	....	1	2	2	2	1	..	..	..	..	..	1	..
9. Diphtheria and croup	23	1	..	2	3	2	8	7	..	..	..	..	..	..	..	..	..	10	13	....	22	1	....	23	....	....	1	2	3	..	..	1	1	3	6	4	1	1
10. Influenza	28	8	5	1	..	..	..	2	2	1	2	3	3	1	..	..	..	15	13	....	27	1	....	20	8	....	..	17	9	1	1	..	..	..	..	..	..	..
20. Purulent infection and septicaemia	2	....	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	2	..	....	2	....	....	2	....	....	1	..	..	..	1	..	..	..	..	..	..	..
Total deaths from tuberculosis	15	....	..	..	..	..	1	..	1	6	3	2	....	1	..	..	1	6	9	....	13	1	1	6	8	1	1	2	1	1	1	..	..	1	2	2	1	3
28. Tuberculosis of the lungs	14	....	..	..	..	..	..	..	1	6	3	2	....	1	..	..	1	5	9	....	12	1	1	5	8	1	1	2	1	1	1	..	..	1	1	2	1	3
34. Tuberculosis of other organs	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	1	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	4	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	2	2	....	3	1	....	1	3	....	..	..	..	..	1	1	1	1	..	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	....	....	....	1	....	..	..	..	..	..	..	1	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1	....	2	....	....	1	1	....	..	2	..	..	..	..	..	..	..	..	..	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	1	1	....	2	....	....	1	1	....	..	1	..	..	1	..	..	..	..	..	..	..
50. Diabetes	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	....	....	....	1	....	..	..	..	..	1	..	..	..	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	16	3	1	..	..	..	..	1	1	1	1	..	2	2	2	2	..	10	6	....	16	....	....	8	8	....	..	1	1	2	..	..	2	1	3	2	4	..
61. Meningitis	4	2	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	4	..	....	4	....	....	4	....	....	..	..	..	..	..	..	1	..	..	1	2	..
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	....	....	....	1	....	..	..	..	..	..	..	..	..	1	..	..	..
64. Cerebral haemorrhage, apoplexy	6	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	..	3	3	....	6	....	....	....	6	....	..	..	1	..	..	..	1	1	1	1	1	..
66. Paralysis without specified cause	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	....	....	....	1	....	..	..	..	..	..	..	..	..	..	..	..	1
70. Convulsions (non-puerperal)	2	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	1	....	2	....	....	2	....	....	..	..	..	2	..	..	..	..	..	..	..	..
71. Convulsions of infants	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	1	..	..	..
74. Other diseases of the nervous system	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	....	....	....	1	....	..	1	..	..	..	..	..	..	..	..	..	..

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NIPISSING—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
X.—Congenital Malformations																																						
Group Total	2	2																1	1		2			2				1									1	
150. Congenital malformations (still-births not included)	2	2																1	1		2			2				1									1	
XI'—Diseases of early Infancy.																																						
Group Total	47	47																33	14		47			47			4	4	4	1	3	4	7	5		3	7	5
151. Congenital debility, icterus, and sclerema	47	47																33	14		47			47			4	4	4	1	3	4	7	5		3	7	5
154. XII.—Old Age.																																						
Group Total	12													1	2	9		8	4		8	3	1		12		1		3	1	1	1		2	2	1		
XIII.—Affections Produced by External Causes.																																						
Group Total	22		1		1	1	4	1		5	2			4			3	18	4		17	1	4	12	7	3		2	6	3	2	1	1	2	2		2	1
167. Burns (conflagration excepted)	7		1		1	1	2			2								4	3		7			5	2			1	6									
169. Accidental drowning	7							1			3	1		1			1	7			5	1	1	5	1	1				1	1	1	1	2			1	
170. Traumatism by firearms	1						1												1		1			1							1							
175. Traumatism by other crushing.																																						
(a) Railroad	1													1				1			1				1												1	
(b) Street car																																						
(c) Automobile																																						
(d) Other crushing	2						1										1	2					2			2								1		1		
176. Injuries by animals	1										1							1			1				1					1							
178. Excessive cold	2													1			1	2			1		1	1	1			1		1							
186. Other external violence	1													1				1			1				1									1				
XIV.—Ill-Defined Diseases.																																						
Group Total	30	2	3	1	1		2	1		1	2	1	8	1	3	2	2	18	12		26		4	15	15		2	13	5	2	3	2				2	1	
189. Cause of death not specified or ill-defined	30	2	3	1	1		2	1		1	2	1	8	1	3	2	2	18	12		26		4	15	15		2	13	5	2	3	2				2	1	
Still-Births.																																						
Not included in totals	25	25																17	6	2	25			25			4	2	1	1	1	5	2	3	2	2	2	

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	324	35	5		1	2	4	2	4	8	16	20	24	48	77	76	2	145	179		271	44	9	77	237	10	35	45	30	29	19	25	24	20	15	21	26	35
1.—General Diseases.																																						
Group Total	81	3	1		1	3	1		5	8	11	6	19	15	7	1		29	52		72	7	2	14	65	2	9	17	7	7	3	8	6	4	3	5	4	8
1. Typhoid fever	2									1	1								2		2				1	1						1						1
5. Smallpox	1													1					1		1				1													
8. Whooping cough	1	1																	1		1				1					1								
9. Diphtheria and croup	2						2											1	1		2			1	1								1					
10. Influenza	16	2	1		1	1				2	3	3	1		1	1		6	10		16			5	11		1	11	3	1		1					
18. Erysipelas	1															1		1			1				1			1									
20. Purulent infection and septicaemia	3							1		1		1						2	1		3			2	1		1		1					1				
Total deaths from tuberculosis	14									1	4	3	1	3	2			3	11		11	3		3	11		4	1		1	1	1		1	1		2	2
28. Tuberculosis of the lungs	10									1	4	1	1	1	2			3	7		8	2		1	9		2	1			1	1		1	1		1	2
31. Abdominal tuberculosis	4											2		2					4		3	1		2	2		2			1						1	
32. Cancer and other malignant tumors of the buccal cavity	2															2		2			1	1			2						2						
40. Cancer and other malignant tumors of the stomach, liver	7											2		1	4			4	3		6	1			7			1	1	1	1		1	1		1	
41. Cancer and other malignant tumors of the peritonaeum intestines, rectum	4													2	1	1		2	2		2	2			4						2				2		
42. Cancer and other malignant tumors of the female genital organs	4												1	2		1			4		3		1		4					1		1	1				1
43. Cancer and other malignant tumors of the breast	2													2					2		2				1	1											1
44. Cancer and other malignant tumors of the skin	1															1		1			1				1					1							
45. Cancer and other malignant tumors of other organs or of organs not specified	5												1	1	2	1		2	3		4		1		5		1				1	1					2
46. Other tumors (tumors of the female genital organs excepted)	1													1				1			1				1											1	
48. Chronic rheumatism and gout	2											1	1					1	1		2			1	1		1		1								
50. Diabetes	1													1					1		1				1												
51. Exophthalmic goitre	2												1		1				2		2				2												1
53. Leuchaemia	1											1						1			1				1			1						1			
54. Anaemia, chlorosis	9													5	4			3	6		9				9			2	1		1	1	1	2			

NORFOLK—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nevous System and of the Organs of Special Sense.																																						
Group Total		3	1	..	..	..	1	1	..	....	2	1	2	..	13	3	..	13	14	....	25	1	1	10	17	....	1	1	2	3	2	2	2	4	3	2	2	3
61. Meningitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..
63. Other diseases of the spinal cord	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	1	1	....	2	..	..	..	2	....	..	..	..	1	..	1	..	..	1	..	..	..
64. Cerebral haemorrhage, apoplexy	14	..	..	..	..	..	..	..	..	..	1	..	2	..	9	2	..	5	9	....	13	..	1	3	11	....	..	..	1	..	1	1	1	1	3	2	1	..	3
66. Paralysis without specified cause	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	1	1	....	1	1	..	..	2	....	..	..	..	..	..	..	..	..	..	..	..	2	..
68. Other forms of mental alienation	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	....	1	..	..	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..
69. Epilepsy	2	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	2	..	....	2	..	..	2	..	....	..	..	1	..	..	..	1	..	..	..	..	..
70. Convulsions (non-puerperal)	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	....	..	..	..	1	..	..	..	..	..	..	..	..
71. Convulsions of infants	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	....	3	..	..	3	..	....	1	..	1	..	..	..	..	1	..	..	..	..
74. Other diseases of the nervous system	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	..	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..
III.—Diseases of the Circulatory System																																						
Group Total	79	..	..	..	1	1	..	..	..	1	1	4	11	15	26	19	..	30	49	....	67	9	3	8	65	6	10	9	5	5	4	6	9	8	3	5	9	6
77. Pericarditis	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
78. Acute endocarditis	7	..	..	..	1	..	..	..	..	1	1	1	2	..	1	..	..	5	2	....	6	1	..	4	3	....	1	1	..	1	1	..	1	1	..	..	1	..
79. Organic diseases of the heart	31	..	..	1	..	..	..	..	..	..	..	1	6	8	12	3	..	9	22	....	30	1	..	3	26	2	4	2	..	..	3	5	4	4	2	3	3	1
80. Angina pectoris	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
81. Diseases of the arteries, atheroma, aneurism, etc	35	..	..	..	..	..	..	..	..	..	..	..	3	6	10	16	..	14	21	....	25	7	3	1	30	4	4	5	3	3	..	1	4	3	1	2	4	5
82. Embolism and thrombosis	3	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	1	2	....	3	..	..	..	3	....	..	..	2	..	..	..	..	..	..	..	..	1
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	..	..	1	....	1	..	..	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of the Respiratory System																																						
Group Total	30	7	2	..	..	..	..	..	1	..	..	..	1	3	9	7	..	12	18	....	19	11	....	10	20	....	4	4	4	3	3	..	1	..	1	3	1	6
89. Acute bronchitis	4	3	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	2	....	4	..	..	3	1	....	1	..	1	..	1	..	..	..	..	..	..	1	1
90. Chronic bronchitis	5	..	..	..	..	..	..	1	..	..	..	..	..	..	2	2	..	5	..	....	1	4	..	1	4	....	1	..	1	..	..	..	..	..	..	1	..	1	1
91. Broncho-pneumonia	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	....	..	..	..	..	..	..	..	..	..	1	..	..	..
92. Pneumonia	14	3	2	..	..	..	..	..	..	..	..	..	1	1	3	4	..	2	12	....	10	4	....	5	9	....	1	4	..	1	2	..	1	..	..	1	..	4
93. Pleurisy	3	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	1	2	....	2	1	..	..	3	....	1	..	1	1	..	..	..	..	..	..	..	..
94. Pulmonary, congestion, pulmonary apoplexy	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	..	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..
96. Asthma	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	....	1	1	..	..	2	....	..	..	1	..	..	..	..	..	1	..	..	..
V.—Diseases of the Digestive System.																																						
Group Total	21	6	1	..	..	..	..	..	..	..	1	2	3	4	2	2	..	11	10	....	20	....	1	8	12	1	1	3	3	4	..	..	1	..	2	2	2	3
102. Ulcer of the stomach	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
103. Other diseases of the stomach (cancer excepted)	2	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	1	....	2	..	..	..	2	..	..	..	1	1	..	..	..	..	..	..	..	..	..
104. Diarrhoea and enteritis (under 2 years)	6	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	....	6	..	..	6	..	..	1	..	..	..	..	..	..	..	2	2	1	..

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NORFOLK—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
169. Accidental drowning	1								1									1				1		1				1										
172. Traumatism by fall	3												1		1	1		3			1	2		2	1				1						1		1	
174. Traumatism by machines	1										1							1			1				1				1									
175. Traumatism by other crushing	1													1				1			1				1							1						
(a) Railroad																																						
(b) Street car																																						
(c) Automobile																																						
(d) Other crushing	1													1				1				1			1							1						
176. Injuries by animals	1															1		1				1			1												1	
184. Homicide by other means	1													1				1			1				1							1						
185. Fractures (cause not specified)	1															1		1				1			1												1	
186. Other external violence	1													1				1			1				1													
XIV.—Ill-Defined Diseases.																																						
Group Total	1													1					1		1			1			1										1	
189. Cause of death not specified or ill-defined	1													1					1		1			1			1											
Still-Births.																																						
Not included in totals	15	15																7	8		15			15			2	1	1	2	3	2	2	1	1			

CAUSES OF DEATH IN THE COUNTIES OF NORTHUMBERLAND AND DURHAM, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	813	122	14	8	2	5	21	17	14	34	37	37	69	122	173	136	2	415	398		628	174	11	295	502	16	70	106	100	67	68	54	70	56	48	65	49	60
I.—General Diseases.																																					
Group Total	222	20	8	1	..	1	11	7	9	18	17	20	23	43	37	6	1	110	112	....	181	39	2	91	131	....	11	37	41	17	17	19	14	14	16	15	10	11
1. Typhoid fever	2	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	1	....	1	1	....	2	..	....	1	..	..	..	..	..	..	..	1	..	..	..
6. Measles	4	1	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	3	1	....	3	1	....	3	1	....	..	..	..	..	2	1	1	1	..	..	..	..
7. Scarlet fever	2	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	2	..	....	2	..	....	2	..	....	..	..	..	..	..	..	..	..	..	..	1	..
8. Whooping cough	13	8	4	..	..	..	1	..	..	..	..	..	..	..	..	..	..	11	2	....	13	..	....	13	..	....	..	1	2	2	..	3	1	2	1	..	1	..
9. Diphtheria and croup	6	..	..	..	1	3	1	..	..	..	..	..	..	..	..	..	1	4	2	....	6	..	....	6	..	....	1	1	..	2	..	..	..	..	..	..	..	2
10. Influenza	60	5	3	..	..	4	3	4	9	6	4	5	9	7	1	..	..	32	28	....	49	10	1	26	34	....	1	21	26	3	4	3	..	..	..	..	2	..
13. Cholera nostras	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..
18. Erysipelas	2	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	..	....	2	..	....	2	..	....	..	..	1	..	..	..	..	..	..	..	1	..
20. Purulent infection and septicaemia	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	1	..	..	..	..	..	..
Total deaths from tuberculosis	32	2	..	..	..	1	1	2	8	2	4	5	4	3	..	..	..	17	15	....	27	4	1	16	16	....	5	5	5	3	3	1	1	..	2	2	2	3
28. Tuberculosis of the lungs	28	1	..	..	..	..	..	2	8	2	3	5	4	3	..	..	..	16	12	....	23	4	1	13	15	....	4	5	3	2	3	1	1	..	2	2	2	3
30. Tuberculous meningitis	3	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	2	....	3	..	....	3	..	....	1	..	2	..	..	..	..	..	..	..	..	..
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	1	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	13	..	..	..	..	..	..	..	..	..	..	1	3	4	5	..	..	8	5	....	9	4	....	..	13	....	1	3	..	..	1	1	2	1	2	1	..	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	10	1	..	..	..	..	..	..	..	1	3	..	..	2	..	21	..	4	6	....	8	2	....	2	8	....	..	1	1	3	..	1	1	..	1	2	..	..
42. Cancer and other malignant tumors of the female genital organs	2	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	2	....	1	1	....	..	2	....	..	..	..	..	..	..	..	..	1	..	..	1
43. Cancer and other malignant tumors of the breast	4	..	..	..	..	..	..	..	..	..	..	1	..	..	3	..	..	..	4	....	4	..	....	1	3	....	..	2	1	..	1	..	..	..	..	..	..	..
44. Cancer and other malignant tumors of the skin	3	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	3	..	....	2	1	....	..	3	....	1	..	..	..	..	..	1	..	..	..	1	..
45. Cancer and other malignant tumors of other organs or of organs not specified	22	1	..	..	..	..	..	..	..	..	3	2	4	7	3	2	..	11	11	....	17	5	....	4	18	....	..	1	1	2	1	3	3	3	2	3	2	1
46. Other tumors (tumors of the female genital organs excepted)	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	1	..	....	..	..	1	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	3	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	2	....	3	..	....	2	1	....	..	1	..	..	..	1	..	..	1	..	..	..
48. Chronic rheumatism and gout	5	..	..	..	..	..	..	..	..	..	..	1	..	3	1	..	..	..	5	....	5	..	....	1	4	....	..	1	..	..	..	..	..	2	2	..	..	..
50. Diabetes	8	..	..	1	..	..	..	1	..	1	..	..	1	2	2	..	..	4	4	....	6	2	....	4	4	....	..	..	1	..	..	..	1	1	2	2	..	1

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
51. Exophthalmic goitre	1												1						1		1				1						1						
52. Addison's disease	1										1								1			1			1										1		
53. Leuchaemia	3							1			2								3			3		2	1				1		1		1				
54. Anaemia, chlorosis	22	1									1	2	4	9	5			7	15		18	4		4	18		1		2	1	5	2	3	1	2	3		2
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	71	3	3	1				2	2	4	1	4	7	16	18	10		41	30		57	14		28	41	2	9	7	3	6	6	2	5	3	3	9	8	10
60. Encephalitis	2								1			1						2			1	1		1	1		1	1										
61. Meningitis	2	1	1											1	1			1	1		2			2						1	1						
63. Other diseases of the spinal cord	7			1			1						1	2	1	1		3	4		5	2		3	4		2	1							1	2	1
64. Cerebral haemorrhage, apoplexy	29						1			1		2	3	6	12	4		17	12		22	7		10	19		3	2	1	2	3	1	2	2	1	4	3	5
65. Softening of the brain	3														1	2		1	2		2	1		1	2			1		1							1
66. Paralysis without specified cause	9												1	4	2	2		6	3		8	1			8	1	2	1	1			1			1	2	1
68. Other forms of mental alienation	2										1			1				1	1		2			2							1				1		
69. Epilepsy	7							1		1			1	2	2			5	2		5	2		3	3	1	1			1	1		1			1	1
71. Convulsions of infants	3	1	2															3			3			3										1			2
72. Chorea	1										1								1		1			1												1	
73. Neuralgia and neuritis	1													1					1		1				1						1						
74. Other diseases of the nervous system	5	1								1		1	1			1		2	3		5			2	3			1	1	1		1	1				
III.—Diseases of the Circulatory System.																																						
Group Total	148			1			1	2		2	2	2	17	29	58	34		81	67		102	45	1	24	120	4	11	14	18	14	9	12	16	11	11	16	3	13
78. Acute endocarditis	3						1	1						1				2	1		3			2	1			1	1			1					
79. Organic diseases of the heart	70							1		2	2	2	10	9	29	15		34	36		43	26	1	11	57	2	6	4	7	8	5	5	9	8	6	5	1	6
80. Angina pectoris	6													3	3			3	3		4	2		3	3		1	1	1						1	2	
81. Diseases of the arteries, atheroma, aneurism, etc.	61												5	13	24	19		38	23		47	14		6	53	2	3	8	9	5	3	6	5	3	2	9	2	6
82. Embolism and thrombosis	7												2	3	2			3	4		4	3		1	6		1			1	1	1	1		1			1
85. Hemorrhage; other diseases of the circulatory system	1			1														1			1			1										1			
IV.—Diseases of the Respiratory System.																																						
Group System	76	12		1		1	1	2	1	4	9	2	5	11	16	11		32	44		57	18	1	23	52	1	7	16	10	9	10	1	7	2	1	4	6	3
88. Diseases of the thyroid body	1											1							1			1			1		1										
89. Acute bronchitis	2	1					1											1	1		2			2						1			1				
90. Chronic bronchitis	8												1	1	4	2		3	5		3	5		1	7		1	2	1	2			1				1
91. Broncho-pneumonia	12	7													2	3		8	4		10	2		7	5		1	4	2	2					1	1	1
92. Pneumonia	33	3		1		1		1	1	3	6		1	8	6	2		16	17		28	5		9	24		4	8	4	1	8		2	1		3	1	1
93. Pleurisy	11							1			3		2	1	2	2		2	9		7	4		2	9			1	1	2	2	1	1	1			2	
94. Pulmonary congestion, pulmonary apoplexy	2											1			1				2		1		1		1	1										2	
96. Asthma	5									1			1	1		2		1	4		4	1		1	4				1	1	2		1				
98. Other diseases of the respiratory system (tuberculosis excepted)	2	1														1		1	1		2			1	1								1				1

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NORTHUMBERLAND AND DURHAM—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XI.—Diseases of Early Infancy.																																						
Group Total	48	48																31	17		48			48			7	3	5	3	5	3	4	4	3	1	5	5
151. Congenital debility, icterus and sclerema	43	43																27	16		43			43			5	3	4	3	5	3	4	4	3	1	4	4
152. Other diseases peculiar to early infancy	5	5																4	1		5			5			2		1							1	1
154. XII.—Old Age.																																						
Group Total	89													3	21	65		35	54		47	39	3	3	81	5	6	8	9	9	9	6	13	9	3	5	4	8
XIII.—Affections Produced by External Causes.																																						
Group Total	38	2	1	2	1	2	6	3		3	2	2	5	6	2	1		24	14		33	4	1	20	18		2	3	4	2	4	3	4	4	3	2	4	3
157. Suicide by hanging or strangulation	4										1		2		1			3	1		2	1	1	1	3			1	1		1					1	
159. Suicide by firearms	3											1		2				2	1		3				3			1				1	1				
164. Poisoning by food	1											1							1		1				1				1								
165. Other acute poisonings	1									1								1			1				1				1								
167. Burns (conflagration excepted)	7				1	1	3						2					1	6		7			6	1		1				1		1			2	2
168. Absorption of deleterious gases (conflagration excepted)	1												1					1			1				1		1										
169. Accidental drowning	6		1			1	2	2										4	2		5	1		6							2	1	1	2			
170. Traumatism by firearms	2						1						1					2			2			1	1					1		1					
172. Traumatism by fall	1	1																	1		1			1							1						
175. Traumatism by other crushing	5							1		1			1	1		1		5			5			1	4						2	1		1		1	
(a) Railroad	2												1			1		2			2				2						1				1		
(c) Automobile	2									1				1				2			2				2							1		1			
(d) Other crushing	1						1											1			1			1						1							
176. Injuries by animals	3			1						1			1					2	1		2	1		2	1				1			1				1	
184. Homicide by other means	2	1		1														1	1		2			2				1						1			
185. Fractures (cause not specified)	1															1		1				1			1												1
186. Other external violence	1										1							1			1				1										1		
XIV.—Ill-Defined Diseases.																																						
Group Total	10											2	3	2	2		1	8	2		7	2	1	5	3	2	1		1	3		1	1	1		1	1	
189. Cause of death not specified or ill-defined	10											2	3	2	2		1	8	2		7	2	1	5	3	2	1		1	3		1	1	1		1	1	
Still-Births.																																						
Not included in totals	48	48																29	19		48			48			4	4	5	4		3	5	13		5		5

CAUSES OF DEATH IN THE COUNTY OF ONTARIO, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**437**	**58**		**9**	**2**	**1**	**2**	**4**	**7**	**4**	**21**	**33**	**24**	**40**	**71**	**80**	**77**	**4**	**202**	**235**		**318**	**115**	**4**	**142**	**285**	**10**	**33**	**65**	**50**	**31**	**35**	**30**	**26**	**21**	**32**	**40**	**35**	**39**
I.—General Diseases.																																					
Group Total	137	8		2	1	1	2	3	4	1	9	19	12	21	22	19	12	1	52	85		105	31	1	38	97	2	6	31	24	6	11	12	5	5	10	7	9	11
1. Typhoid fever	3							1			1	1							1	2		3			3				1			1			1			
7. Scarlet fever	4					1	1				2								2	2		4			2	2									2			2
8. Whooping cough	1	1																		1		1			1													1
9. Diphtheria and croup	4	2				1		1											2	2		4			4						1		2					1
10. Influenza	39		2	1	1		1	1			5	10	2	5	1	2	8		16	23		28	11		8	31			26	10		3						
14. Dysentery	1														1					1			1			1									1			
18. Erysipelas	1															1			1					1						1								
20. Purulent infection and septicaemia	3	2														1			2	1		2	1		2	1			1						1		1
Total deaths from tuberculosis	18	2						1			3	6	5			1			5	13		16	2		8	9	1	2		4	2	1	1	1		1	3	1	2
28. Tuberculosis of the lungs	16	2						1			3	5	4			1			5	11		14	2		8	7	1	2		4	2	1	1	1			3	1	1
34. Tuberculosis of other organs	2											1	1							2		2				2										1			1
39. Cancer and other malignant tumors of the buccal cavity	2														2				2			2				2			1			1						
40. Cancer and other malignant tumors of the stomach, liver	11												1	3	5	2			6	5		9	2			10	1	2	1	2		2			2	1	1	
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	8												1	3	1	2		1	2	6		5	3			8				3	1	1	1	1		1		
42. Cancer and other malignant tumors of the female genital organs	3												1	1	1					3		3				3						1		1			1	
43. Cancer and other malignant tumors of the breast	4													1	1	1	1		2	4		2	2		1	3					1	1		2				
44. Cancer and other malignant tumors of the skin	3															2	1		2	1		2	1			3					1		1					1
45. Cancer and other malignant tumors of other organs or of organs not specified	7												2		3	2			4	3		5	2		1	6			1	1	1		1			1	1	1	
46. Other tumors (tumors of the female genital organs excepted)	1														1					1		1				1						1						
47. Acute articular rheumatism	2													1		1			1	1			2			2									1	1		
48. Chronic rehumatism and gout	2																2		1	1		2				2					1				1			
50. Diabetes	5	1						1		1				2					2	3		3	2		4	1		2		1	1		1					
51. Exophthalmic goitre	1														1					1		1				1									1			
53. Leuchaemia	1														1					1		1				1												1
54. Anaemia, chlorosis	13													5	4	4			4	9		11	2		4	9					1		3	2			5	2

ONTARIO—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	50	6	1	1	..	..	..	..	1	1	3	2	3	11	14	6	1	26	24	....	41	9	....	16	33	1	2	5	5	5	5	4	7	4	2	1	4	6
62. Locomotor ataxia	2	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	1	....	2	..	..	..	2	..	..	..	..	1	..	..	..	..	..	..	..	1
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
64. Cerebral haemorrhage, apoplexy	21	..	..	..	..	..	..	..	..	..	..	..	1	5	10	4	1	11	10	....	15	6	....	2	18	1	1	3	2	2	2	1	3	2	2	..	3	..
65. Softening of the brain	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
66. Paralysis without specified cause	6	..	..	..	..	..	..	..	..	1	..	1	..	2	1	1	..	4	2	....	5	1	..	1	5	..	1	1	..	1	1	..	1	..	..	..	..	1
68. Other forms of mental alienation	3	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1	2	....	2	1	..	..	3	..	..	..	1	..	..	..	..	..	..	1	1	..
69. Epilepsy	3	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	2	1	....	2	1	..	1	2	..	..	..	..	1	1	..	..	..	..	..	..	..
71. Convulsions of infants	8	6	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	5	3	....	8	..	..	..	8	..	..	..	..	1	1	..	1	1	2	..	..	2
73. Neuralgia and neuritis	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	....	2	..	..	..	1	1	..	..	..	..	..	..	2	..	..	..	..	..	..
74. Other diseases of the nervous system	3	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	1	2	....	3	..	..	..	3	..	..	..	..	..	..	..	1	..	..	..	..	2
III.—Diseases of the Circulatory System.																																						
Group Total	68	..	..	..	..	..	..	..	..	1	1	3	7	23	19	14	..	36	32	....	46	22	....	12	55	1	6	6	7	8	5	4	3	..	7	11	4	7
79. Organic diseases of the heart	32	..	..	..	..	..	..	..	..	1	1	2	3	11	10	4	..	15	17	....	24	8	....	8	24	....	3	2	3	5	1	2	2	..	4	5	3	2
80. Angina pectoris	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1	....	1	1	....	..	2	..	..	..	..	..	1	1	..	..	..	..	..	..
81. Diseases of the arteries, atheroma, aneurism, etc.	33	..	..	..	..	..	..	..	..	..	..	1	4	11	9	8	..	20	13	....	20	13	....	4	28	1	3	4	4	3	3	1	1	..	2	6	1	5
82. Embolism and thrombosis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
IV.—Diseases of the Respiratory System.																																						
Group Total	38	6	3	..	..	..	1	..	..	1	4	2	2	4	6	8	1	14	24	....	27	10	1	12	24	2	5	5	2	5	4	3	..	3	1	3	3	4
86. Diseases of the nasal fossae	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
88. Diseases of the thyroid body	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
89. Acute bronchitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
90. Chronic bronchitis	3	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	1	2	....	3	..	..	1	2	..	..	..	..	1	..	..	1	..	..	1	..	..
91. Broncho-pneumonia	10	2	2	..	..	1	..	..	1	..	..	..	..	..	2	2	..	5	5	....	9	1	....	6	3	1	1	2	1	2	..	1	..	1	..	1	..	1
92. Pneumonia	17	2	..	..	..	..	..	..	..	..	4	2	2	2	1	3	1	3	14	....	10	6	1	2	14	1	3	3	1	1	1	1	..	1	2	1	3
93. Pleurisy	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	....	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
94. Pulmonary congestion, pulmonary apoplexy	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
96. Asthma	3	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	2	1	....	..	3	....	..	3	..	1	..	..	1	..	1	..	..	..	..	..	..
V.—Diseases of the Digestive System.																																						
Group Total	23	10	1	..	..	..	..	1	..	1	1	..	1	2	4	2	..	10	13	....	20	3	....	13	10	....	1	2	2	..	..	..	3	1	1	7	4	2
100. Diseases of the pharynx	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
103. Other diseases of the stomach (cancer excepted)	4	1	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	3	....	3	1	....	1	3	....	..	..	..	..	..	..	1	..	..	1	1	1

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ONTARIO—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XI.—Diseases of Early Infancy.																																						
Group Total	24	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	8	....	24	....	....	24	....	....	3	5	4	1	3	2	1	2	1	..	2	..
151. Congenital debility, icterus and sclerema	22	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	8	....	22	....	....	22	....	....	3	5	3	..	3	2	1	2	1	..	2	..
152 Other diseases peculiar to early infancy	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	....	....	2	....	....	2	....	....	....	....	1	1	....	....	....	....	....	....	....	....
154. XII.—Old Age.																																						
Group Total	43	....	..	..	..	..	..	..	..	....	..	..	....	1	12	30	..	20	23	....	16	27	....	6	..	35	2	7	7	4	2	3	3	2	1	4	3	4	3
XIII.—Affections Produced by External Causes.																																						
Group Total	22	1	2	..	..	..	..	2	2	5	..	2	2	4	1	1	..	14	8	....	15	5	2	14	8	....	....	....	1	3	2	2	1	5	1	2	1	4
155. Suicide by poison	1	....	..	..	..	..	..	..	..	1	..	..	....	..	..	..	..	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	..
157. Suicide by hanging or strangulation	1	....	..	..	..	..	..	..	..	....	..	1	....	..	..	..	..	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	..
167. Burns (conflagration excepted)	2	....	..	..	..	..	..	..	..	....	..	..	1	1	..	..	..	....	2	....	2	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	2
168. Absorption of deleterious gases (conflagration excepted)	3	1	..	..	..	..	..	..	..	2	..	..	....	..	..	..	3	....	....	....	....	3	....	3	....	....	....	....	2	..	....	....	....	....	....	....	....	1
169. Accidental drowning	4	....	1	..	..	..	1	..	..	1	..	1	....	..	..	..	..	3	1	....	3	1	....	3	1	....	....	....	....	....	1	2	..	1	....	....	....	..
175. Traumatism by other crushing	4	....	1	..	..	..	1	1	..	....	..	..	1	..	..	..	..	4	....	....	3	1	....	3	1	....	....	....	1	1	1	....	....	....	1	....	....	..
(a) Railroad	3	....	1	..	..	..	1	1	..	....	..	..	....	..	..	..	..	3	....	....	3	....	....	3	....	....	....	....	1	1	1	....	....	....	....	....	....	..
(b) Street car	....	....	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
(c) Automobile	....	....	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
(d) Other crushing	1	....	..	..	..	..	..	..	..	....	..	..	1	..	..	..	..	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	..
181. Electricity (lightning excepted)	2	....	..	..	..	..	..	..	1	1	..	..	....	..	..	..	..	2	....	....	2	....	....	2	....	....	....	....	....	....	....	....	....	1	....	1	....	..
185. Fractures (cause not specified)	3	....	..	..	..	..	..	..	..	....	..	..	....	1	1	1	..	....	3	....	....	2	1	1	2	....	....	....	....	....	....	....	....	2	....	1	....	..
186. Other external violence	2	....	..	..	..	..	..	..	..	....	..	..	....	2	..	..	..	1	1	....	....	1	1	1	1	....	....	....	....	....	....	....	....	1	....	....	....	1
XIV.—Ill-Defined Diseases.																																						
Group Total	3	....	..	..	..	..	..	..	..	....	1	1	1	..	..	..	..	....	3	....	3	....	....	....	3	....	....	....	....	....	....	....	....	1	....	....	2	....	..
189. Cause of death not specified or ill-defined	3	....	..	..	..	..	..	..	..	....	1	1	1	..	..	..	..	....	3	....	3	....	....	....	3	....	....	....	....	....	....	....	....	1	....	....	2	....	..
Still-Births.																																						
Not included in totals	26	26	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	13	10	3	26	....	....	26	....	....	3	3	3	2	1	1	4	2	..	1	2	4

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	431		44	3		6	2	5	8	6	25	29	18	49	70	85	81		248	183		319	108	4	142	287	2	41	56	47	28	37	34	28	32	24	38	32	34
I.—General Diseases.																																							
Group Total	101		3	2	..	3	..	3	4	..	11	15	6	15	17	13	9	..	58	43	....	80	21	....	38	62	1	4	20	16	7	8	5	6	8	3	12	6	6
1. Typhoid fever	3								1					1	1				2	1	....	2	1	....	1	2	....			1	1					1			
6. Measles	1		1																1		....	1		....	1		....			1									
7. Scarlet fever	1		1																1		....	1		....	1		....										1	..
9. Diphtheria and croup	4			1	..	2	..	1											3	1	....	3	1	....	4		....					1	1	1	..	..	..	1
10. Influenza	26		1					1			4	11	1		4	2	2	..	14	12	....	22	4	....	8	18	....		17	7	..	1					1	..
19. Other epidemic diseases	1			1															1		....	1		....	1		....	1										
20. Purulent infection and septicæmia	1					1													1		....	1		....	1		....					1						
24. Tetanus	1								1										1		....	1		....	1		....									1		
Total deaths from tuberculosis	17								1	..	5	2	2	1	3	2	1	..	8	9	....	14	3	....	8	8	1	..	1	1	2	3	2	1	2	..	1	3	1
28. Tuberculosis of the lungs	14								1		4	1	2	1	2	2	1	..	8	6	....	12	2	....	7	7	....		1	1	2	2	1	1	2	..	1	2	1
30. Tuberculous meningitis	1											1							....	1	....	1		....		1	....						1						
31. Abdominal tubersulosis	2										1				1				....	2	....	1	1	....	1		1	....									1	..
39. Cancer and other malignant tumors of the buccal cavity	1														1				1		....	1		....		1	....									1	..
40. Cancer and other malignant tumors of the stomach, liver	11											2	3	2	3	1	..		7	4	....	8	3	....	3	8	....			1	2	....	..	2	2	1	2	1	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	5												1	1	2	1	..		2	3	....	4	1	....	....	5	....			2	....	..	2	....	..	..	1	..	..
42. Cancer and other malignant tumors of the female genital organs	5												3	1	..	1	..		....	5	....	4	1	....	2	3	....	1					..	1	..	1	1	1
43. Cancer and other malignant tumors of the breast	1											1							....	1	....	1		....	....	1	....									1		
45. Cancer and other malignant tumors of other organs or of organs not specified	9										1	1	..	2	2	2	1	..	7	2	....	5	4	....	2	7	....		1	1	2	....	..	1	1	..	1	..	2
46. Other tumors (tumors of the female genital organs excepted)	1												1						....	1	....	....	1	....	....	1	....						1						
47. Acute articular rheumatism	1															1			....	1	....	....	1	....	....	1	....			1									
50. Diabetes	6							1	1		1			1	2				3	3	....	5	1	....	3	3	....	2	1	1	..	..	..	1	1	..	..	..	..
54. Anaemia, chlorosis	5													2	..	2	1	..	5	....	....	5	....	....	2	3	....					1	....	1	..	2	..	1
56. Alcoholism (acute or chronic)	1													1	..	..	..	..	1	....	....	1	....	....	....	1	....								1	....	....	..	..

OXFORD—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	54	5	..	..	..	1	1	1	3	5	5	3	4	13	9	4	..	30	24	....	41	12	1	24	30	....	4	2	5	4	6	4	5	2	5	6	6	5
60. Encephalitis	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
61. Meningitis	3	2	..	..	..	..	1	..	..	..	..	..	..	2	..	..	..	2	1	..	3	..	..	3	..	..	..	..	1	1	..	..	..	1	..	..	..	..
62. Locomotor ataxia	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
63. Other diseases of the spinal cord	4	..	..	..	..	..	..	..	..	..	1	..	..	2	..	1	..	2	2	..	3	1	..	1	3	..	..	..	..	..	..	..	..	1	..	..	2	1
64. Cerebral haemorrhage, apoplexy	19	1	..	..	..	..	..	..	..	..	..	..	..	8	8	2	..	11	8	....	15	4	....	1	18	....	..	..	3	..	2	1	5	..	2	3	2	1
66. Paralysis without specified cause	3	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	2	1	....	1	2	....	..	3	....	..	..	1	..	..	..	..	..	2	..	..	..
68. Other forms of mental alienation	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	..	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..
69. Epilepsy	18	..	..	..	..	..	1	3	4	4	2	3	1	..	..	..	..	8	10	....	12	5	1	14	4	....	2	2	..	2	3	1	..	..	1	3	2	2
71. Convulsions of infants	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	....	2	..	..	2	..	....	..	..	..	..	..	2	..	..	..	..	..	..
72. Chorea	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	....	..	..	..	..	..	..	..	..	..	..	..	1
74. Other diseases of the nervous system	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..
III.—Diseases of the Circulatory System.																																						
Group Total	82	..	..	..	..	..	..	..	..	..	1	1	11	20	26	23	..	42	40	....	49	32	1	10	72	....	8	10	5	7	6	3	7	8	4	7	11	6
79. Organic diseases of the heart	49	..	..	..	..	..	..	..	..	..	..	1	7	14	14	13	..	26	23	....	28	21	....	4	45	....	5	2	5	5	2	2	4	4	2	4	9	5
80. Angina pectoris	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	1
81. Diseases of the arteries, atheroma, aneurism, etc.	32	..	..	..	..	..	..	..	..	..	..	..	4	6	12	10	..	15	17	....	20	11	1	5	27	....	3	8	..	2	4	1	3	4	2	3	2	..
IV.—Diseases of the Respiratory System.																																						
Group Total	54	9	1	..	1	..	..	..	1	5	4	1	5	7	12	8	..	35	19	....	40	13	1	18	35	1	6	12	6	3	2	2	4	5	3	3	3	5
89. Acute bronchitis	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	1	....	2	1	....	2	1	....	1	..	..	..	..	..	..	1	..	..	1	..
90. Chronic bronchitis	7	..	..	..	..	..	..	..	..	..	..	..	..	2	3	2	..	5	2	....	3	3	1	..	6	1	1	2	1	..	..	..	..	..	2	1	..	..
91. Broncho-pneumonia	7	3	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	5	2	....	5	2	....	3	4	....	..	1	2	1	..	..	..	2	..	..	..	1
92. Pneumonia	30	3	1	..	1	..	..	1	3	3	..	4	4	8	2	..	18	12	....	27	3	....	10	20	....	3	7	2	2	1	2	3	3	1	2	2	2
93. Pleurisy	2	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	1	1	....	1	1	....	..	2	....	1	1	..	..	..	..	..	..	..	..	..	..
94. Pulmonary congestion, pulmonary apoplexy	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	1	..	..	..	..	..	..	..
96. Asthma	4	..	..	..	..	..	..	..	..	1	1	1	..	1	..	..	..	3	1	....	1	3	....	2	2	....	..	1	1	..	..	..	..	..	..	..	..	2
V.—Diseases of the Digestive System.																																						
Group Total	19	2	..	..	1	..	1	..	..	..	..	..	6	4	4	1	..	9	10	....	15	4	....	6	13	....	..	2	1	1	..	2	2	2	3	3	..	3
99. Diseases of the mouth and annexa	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	1	..	..	..	..	..
102. Ulcer of the stomach	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	....	2	..	....	..	2	....	..	1	..	..	..	..	..	..	..	..	..	1
103. Other diseases of the stomach (cancer excepted)	3	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	1	2	....	2	1	....	..	3	....	..	..	..	..	..	..	1	..	..	1	..	1
104. Diarrhoea and enteritis (under 2 years)	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	..	1	..	..	..	..

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OXFORD—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	20				1	1		2	1	4	1	3	1		6			18	2		18	1	1	9	11		2	1	1	2	5	1	1		2	2	1	2
157. Suicide by hanging or strangulation	1											1						1					1		1		1											
165. Other acute poisonings	1											1						1			1				1												1	
167. Burns (conflagrations excepted)	1														1			1			1				1				1								
169. Accidental drowning	4						1		2	2		1						3	1		4			3	1					2	1						1
170. Traumatism by firearms	1							1										1			1			1			1										
172. Traumatism by fall	1				1													1			1			1					1								
175. Traumatism by other crushing	4									1	1				2			4			4			1	3					1				2		1
(a) Railroad	2										1				1			2			2				2										2		
(b) Street car																																					
(c) Automobile																																					
(d) Other crushing	2									1					1			2			2			1	1					1							1
176. Injuries by animals	1												1					1			1				1					1							
178. Excessive cold	1									1								1			1			1			1										
185. Fractures (cause not specified)	4					1		1							2			3	1		3	1		2	2					1			1		2		
186. Other external violence	1														1			1			1				1						1						
XIV.—Ill-Defined Diseases.																																					
Group Total	10											2	1	5	1	1		7	3		9	1		2	8		1	1	2		3	2						1
187. Ill-defined organic disease	2													2				1	1		2				2		1				1						
188. Sudden death	1															1			1			1			1			1									
189. Cause of death not specified or ill-defined	7											2	1	3	1			6	1		7			2	5				2		2	2					1
Still-Births.																																					
Not included in totals	21	21																10	11		21			21			2	1	1	2		2	5	4	1	2	1	

CAUSES OF DEATH IN THE DISTRICT OF PARRY SOUND, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	269	70	4	8	7	3	5	5	16	15	20	10	21	19	29	36	1	146	123		203	59	7	137	126	6	19	42	20	15	31	19	20	25	19	19	20	20
I.—General Diseases.																																						
Group Total	63	8	1	2	2	..	5	2	7	7	9	5	6	5	3	1	..	28	35	....	54	7	2	33	27	3	3	14	7	4	4	4	4	6	1	5	5	6
1. Typhoid fever	6	..	..	1	..	..	..	..	2	2	..	1	..	..	..	..	..	2	4	....	5	1	....	3	3	....	..	..	..	..	2	..	2	..	..	..	..	2
8. Whooping cough	8	5	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	3	5	....	8	..	....	8	..	....	..	2	..	1	..	1	..	1	..	2	1	..
9. Diphtheria and croup	5	..	..	..	2	..	3	..	..	..	..	..	..	..	..	..	..	4	1	....	5	..	....	5	..	....	..	..	2	..	..	..	1	..	..	1	1	..
10. Influenza	15	2	..	..	..	..	..	..	2	1	5	1	1	2	1	..	..	7	8	....	13	2	....	5	10	..	..	10	2	1	1	..	..	..	..	..	1	..
20. Purulent infection and septicaemia	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	1	..	..	..	..
Total deaths from tuberculosis	12	..	..	1	..	..	..	1	2	4	3	..	1	..	..	..	..	7	5	....	11	1	....	9	3	....	1	2	1	1	1	..	3	..	1	..	1	1
28. Tuberculosis of the lungs	11	..	..	1	..	..	..	1	2	4	2	..	1	..	..	..	..	6	5	....	10	1	....	9	2	....	1	2	1	1	1	..	2	..	1	..	1	1
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	1	..	..	..	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	1	1	....	1	1	....	..	2	..	..	..	..	1	..	1	..	..	..	..	..	..	..
42. Cancer and other malignant tumors of the female genital organs	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	....	..	2	....	..	2	..	1	..	..	..	..	..	..	..	..	1	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	1	..	....	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
46. Other tumors (tumors of the female genital organs excepted)	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	2	....	2	..	....	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
50. Diabetes	3	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	3	....	2	..	1	1	1	1	..	..	..	..	1	..	..	..	..	..	1	1
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
52. Addison's disease	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	..	..	....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
54. Anaemia, chlorosis	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	1	1	....	2	..	....	..	2	..	..	..	..	..	..	..	..	..	1	..	1	..	..
56. Alcoholism (acute or chronic)	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	18	4	..	..	..	..	..	..	..	..	..	1	2	5	5	1	..	9	9	....	13	5	....	7	11	....	1	1	1	1	5	1	..	2	1	..	1	4
64. Cerebral haemorrhage, apoplexy	11	..	..	..	..	..	..	..	..	..	..	1	2	4	4	..	..	5	6	....	7	4	....	3	8	..	..	1	1	..	3	1	..	1	1	..	1	2
66. Paralysis without specified cause	3	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	3	....	2	1	....	..	3	....	..	..	..	1	..	..	..	1	..	..	..	..	1
71. Convulsions of infants	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	....	4	..	....	4	..	....	1	..	..	..	2	..	..	..	..	..	..	..	..

PARRY SOUND—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
III.—Diseases of the Circulatory System																																						
Group Total	20			1						2	1	1	4	2	8	1		9	11		13	7		2	17	1	1	3	1	1	5	4	1	3		1		
78. Acute endocarditis	3									2	1							1	2		3			1	2							3						
79. Organic diseases of the heart	13			1								1	4		6	1		5	8		8	5		1	11	1	1	2		1	4	1		3		1		
81. Diseases of the arteries, atheroma, aneurism, etc.	4													2	2			3	1		2	2			4			1	1		1		1				
IV.—Diseases of the Respiratory System																																						
Group Total	38	7	1	3	3	2			2	1	2	2	5	4	3	3		18	20		31	7		17	21		4	11		2	3	1	4	3	3	1	5	1
89. Acute bronchitis	2	1		1														1	1		2			2				1							1		
90. Chronic bronchitis	2										1				1			1	1		1	1			2		1	1									
91. Broncho-pneumonia	8	3	1		2				1					1				6	2		8			6	2		2	1		1		1	2				1	
92. Pneumonia	20	3		2	1	2				1	1	2	4	2	1	1		8	12		17	3		8	12		1	6		1	2		2	2	1		4	1
93. Pleurisy	2								1						1			1	1		1	1		1	1			1							1			
94. Pulmonary congestion, pulmonary apoplexy	2															2			2		1	1			2										1	1		
96. Asthma	2												1	1				1	1		1	1			2			1			1						
V.—Diseases of the Digestive System.																																						
Group Total	18	9	2	2						1				1		3		9	9		15	3		14	4		1	2	1		1	1		2	6	1	2	1
100. Diseases of the pharynx	1		1															1			1			1											1			
103. Other diseases of the stomach (cancer excepted)	3			1										1		1		1	2		2	1		1	2						1			1		1	
104. Diarrhoea and enteritis (under 2 years)	10	9	1															5	5		10			10			1	1					1	5	1	1	
105. Diarrhoea and enteritis (2 years and over)	2			1												1		2			1	1		1	1						1						1
109. Hernia, intestinal obstructions	1															1			1			1			1				1								
110. Diseases of the intestines	1									1									1		1			1				1									
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	9							1				1	2	1	2	2		6	3		5	2	2	2	7		1	1		1	1		2			1	1	1
119 Acute nephritis	1							1											1		1			1											1		
120. Bright's disease	8											1	2	1	2	2		6	2		4	2	2	1	7		1	1		1	1		2				1	1
VII.—The Puerperal State.																																						
Group Total	3							1		2									3		3				3		1			1			1				
135. Puerperal haemorrhage	1									1									1		1				1					1							
136. Other accidents of labor	1											1							1		1				1		1										
138. Puerperal albuminuria and convulsions	1							1											1		1				1								1				

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CAUSES OF DEATH IN THE COUNTY OF PEEL, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.		Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	283	35	6	2	3	3	4	7	6	17	18	15	25	39	50	52	1		138	145		219	61	3.	98	182	3	33	48	38	20	21	22	21	14	14	19	19	14
I.—General Diseases.																																						
Group Total	79	2	1	..	3	2	4	4	1	11	10	9	9	12	7	4	..		31	48	....	65	14	....	26	53	....	6	24	14	4	3	9	3	8	..	3	3	2
6. Measles	2	....	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..		1	1	....	2	....	....	1	1	....	..	..	1	..	..	1	..	..	..	..	..	..
7. Scarlet fever	1	....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..		..	1	....	1	....	....	1	....	....	..	..	..	..	..	..	1	..	..	..	..	..
8. Whooping cough	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		1	1	....	2	....	....	2	....	....	..	..	..	..	..	..	1	1	..	..	..	..
9. Diphtheria and croup	1	....	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..		1	....	....	1	....	....	....	1	....	..	..	..	..	..	..	..	..	..	..	..	..
10. Influenza	29	....	..	..	2	1	2	2	..	4	7	2	1	3	2	3	..		9	20	....	23	6	....	10	19	....	1	20	6	..	..	2	..	..	..	..	..	..
18. Erysipelas	1	....	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..		..	1	....	1	....	....	1	....	....	..	..	1	..	..	..	..	..	..	..	..	..
20. Purulent infection and septicaemia	1	....	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..		1	....	....	1	....	....	1	....	....	..	..	..	..	..	1	..	..	..	..	..	..
Total deaths from tuberculosis	8	....	..	..	..	..	..	..	..	4	1	2	1	..	..	..	..		4	4	....	7	1	....	2	6	....	..	2	1	1	1	..	1	1	....	1	..
28. Tuberculosis of the lungs	8	....	..	..	..	..	..	..	..	4	1	2	1	..	..	..	..		4	4	....	7	1	....	2	6	....	..	2	1	1	1	..	1	1	....	1	..
40. Cancer and other malignant tumors of the stomach, liver	6	....	..	..	..	..	..	..	..	..	..	1	....	3	2	....	..		4	2	....	5	1	....	1	5	....	1	..	1	2	..	..	1	..	1	..	..	..
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	4	....	..	..	..	..	..	..	..	..	..	1	1	1	1	....	..		2	2	....	3	1	....	....	4	....	1	..	2	..	..	..	1	..	..	..	..	..
42. Cancer and other malignant tumors of the female genital organs	2	....	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..		..	2	....	2	....	....	....	2	....	..	..	1	..	..	..	..	..	..	..	..	1
43. Cancer and other malignant tumors of the breast	3	....	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..		..	3	..	2	1	....	1	2	....	..	..	..	..	..	1	2	..	..	..	..	..
44. Cancer and other malignant tumors of the skin	1	....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..		..	1	..	1	....	....	....	1	....	..	..	..	..	..	..	..	..	..	1	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	4	....	..	..	..	..	..	..	..	1	..	2	....	1	..	..	..		2	2	....	3	1	....	....	4	....	..	1	..	..	1	1	..	..	..	1	..	..
47. Acute articular rheumatism	3	....	..	..	..	1	..	1	1	..	..	..	..	..	..	..	..		..	3	..	3	....	....	2	1	....	..	..	1	..	..	1	..	1	..	..	..	..
50. Diabetes	6	....	1	..	..	..	..	1	..	..	1	..	....	2	1	....	..		5	1	....	5	1	....	2	4	....	..	..	..	1	..	2	..	..	1	1	1
51. Exophthalmic goitre	1	....	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..		..	1	....	1	....	....	....	1	....	..	..	..	..	1	..	..	..	..	..	..	..
54. Anaemia, chlorosis	4	....	..	..	..	..	..	..	..	..	1	..	1	1	1	....	..		1	3	....	2	2	....	1	3	....	2	1	..	..	..	1	..	..	..	..	..	..

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PEEL—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	9									1		1	1	1	4	1		4	5		7	2		1	8		2	1	3							1	1	1
119. Acute nephritis	2												1	1					2		2				2				1						1		
120. Bright's disease	4									1		1			1	1		1	3		2	2		1	3			1	1						1	1
124. Diseases of the bladder	1														1			1			1				1		1		1								
126. Diseases of the prostate	2														2			2			2				2		1		1								
VII.—The Puerperal State.																																						
Group Total	4									2	2								4		3	1			4					1			1		1	1		
134. Accidents of pregnancy	1										1								1			1			1							1					
135. Puerperal haemorrhage	2									1	1								2		2				2					1					1		
138. Puerperal albuminuria and convulsions	1									1									1		1				1									1			
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	1												1						1		1				1			1									
145. Other diseases of the skin and annexa	1												1						1		1				1			1									
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1												1					1			1				1					1							
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1												1					1			1				1					1							
X.—Congenital Malformations.																																						
Group Total	7	7																1	6		7				7			1		1	1	1			1	1		1
150. Congenital malformations (still-births not included)	7	7																1	6		7				7			1		1	1	1			1	1		1
XI.—Diseases of Early Infancy.																																						
Group Total	15	15																6	9		15				15			3	4	1	1	4	1		1			
151. Congenital debility, icterus, and sclerema	12	12																4	8		12				12			2	3	1	1	3	1		1			
152. Other diseases peculiar to early infancy	3	3																2	1		3				3			1	1			1						

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	368	47	7	3	1	3	6	5	4	12	15	22	40	53	77	72	1	200	168		280	85	3	123	244	1	34	40	50	34	30	30	26	20	18	25	32	29
I.—GENERAL DISEASES.																																					
Group Total	85	5	2	..	1	2	4	1	2	4	6	9	12	19	14	4	..	41	44	....	72	13	....	32	53	....	4	6	17	8	9	5	11	3	2	4	8	8
6. Measles	4	1	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	1	3	....	4	..	..	3	1	..	..	..	..	..	2	1	1	..	..	..	..	..
8. Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
9. Diphtheria and croup	4	..	..	..	..	1	3	..	..	..	..	..	..	..	..	..	..	2	2	....	4	..	..	4	..	..	..	..	..	..	..	..	..	..	1	2	1
10. Influenza	16	3	2	..	1	..	1	..	..	1	3	..	2	2	1	..	..	6	10	....	16	..	..	9	7	..	..	5	7	3	..	..	..	..	..	1	..	..
20. Purulent infection and septicaemia	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1	....	1	1	....	1	1	....	1	..	..	1	..	..	..	..	..	..	..	..
Total deaths from tuberculosis	14	..	..	..	..	..	..	..	..	2	3	3	1	5	..	..	..	10	4	....	13	1	....	3	11	....	1	..	4	1	1	..	4	..	1	..	2	..
28. Tuberculosis of the lungs	11	..	..	..	..	..	..	..	..	1	2	3	1	4	..	..	..	7	4	....	10	1	....	2	9	....	1	..	2	..	1	..	4	..	1	..	2	..
32. Pott's disease	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	1	..	..	..	..	..	..	..	..	..
34. Tuberculosis of other organs	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	....	2	..	....	..	2	....	..	..	..	1	1	..	..	..	..	..	..	..
37. Syphilis	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	1
39. Cancer and other malignant tumors of the buccal cavity	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	....	..	2	....	..	2	....	1	..	..	..	..	..	1	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	14	..	..	..	..	..	..	..	..	..	..	1	2	4	6	1	..	8	6	....	11	3	....	..	14	....	..	1	1	2	3	..	1	2	..	..	3	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	2	....	1	1	....	..	2	....	..	..	..	..	..	1	..	..	..	1	..	..
43. Cancer and other malignant tumors of the breast	3	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	3	....	3	..	....	2	1	....	..	..	2	..	..	..	..	..	..	..	..	1
45. Cancer and other malignant tumors of other organs or of organs not specified	10	..	..	..	..	..	..	..	1	..	..	1	2	2	3	1	..	6	4	....	6	4	....	4	6	....	1	..	2	..	..	2	1	..	..	1	..	3
46. Other tumors (tumors of the female genital organs excepted)	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	1
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	....	1	1	....	..	2	....	..	..	..	..	..	..	1	..	..	..	1	..
54. Anaemia, chlorosis	8	..	..	..	..	..	..	..	..	..	..	3	3	..	2	..	..	4	4	....	8	..	....	3	5	....	..	..	1	1	1	..	3	1	1	..	..	..

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Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	23										1	1	5	6	6	4		8	15		13	10		2	21		1	3	2	1	4	3	1		1		6	1
120. Bright's disease	17										1	1	5	5	3	2		4	13		10	7		2	15		1	3	2		4	2					4	1
124. Diseases of the bladder	2														2				2		1	1			2								1				1	
126. Diseases of the prostate	4													1	1	2		4			2	2			4					1		1		1		1	
VII.—The Puerperal State.																																						
Group Total	2									1	1								2		2				2						1	1						
137. Puerperal septicaemia	1									1									1		1				1													
138. Puerperal albuminuria and convulsions	1										1								1		1				1							1						
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	3	1												1	1			3			3			1	2					1					1			1
142. Gangrene	1															1		1			1				1													1
144. Acute abscess	2	1												1				2			2			1	1					1					1			
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1										1							1			1			1				1										
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1										1							1			1			1				1										
X.—Congenital Malformations.																																						
Group Total	6	5						1										3	3		6			6			1			1			1	1			1	1
150. Congenital malformations (still-births not included)	6	5						1										3	3		6			6			1			1			1	1			1	1
XI.—Diseases of Early Infancy.																																						
Group Total	25	25																16	9		25			25			3	3	3	6	1	2	1		4		2	
151. Congenital debility, icterus and sclerema	23	23																14	9		23			23			3	1	3	6	1	2	1		4		2	
152. Other diseases peculiar to early infancy	2	2																2			2			2				2									
154. XII.—Old Age.																																						
Group Total	46													2	9	35		23	23		17	29		3	43		5	7	3	4	5	3	3	3	1	6	3	3

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CAUSES OF DEATH IN THE COUNTY OF PETERBOROUGH, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.															Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	238	42	8	3	4	1	7	7	5	10	18	9	11	26	45	39	3	130	108		205	28	4	98	138	2	18	34	38	17	22	16	20	13	19	15	15	11
I.—General Diseases.																																						
Group Total	69	7	2	2	3	..	4	4	2	3	9	3	6	7	11	5	1	36	33	....	65	3	1	33	35	1	4	13	16	7	5	5	6	3	3	3	2	2
4. Malaria	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	1
6. Measles	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
7. Scarlet fever	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....
8. Whooping cough	4	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3	....	4	....	....	4	....	....	....	....	....	....	1	1	1	....	....	....	....	....
9. Diphtheria and croup	4	....	....	....	....	....	2	1	1	....	....	....	....	....	....	....	....	3	1	....	4	....	....	1	1	....	....	....	....	....	....	2	....	....	....	....	....	....
10. Influenza	26	3	..	2	1	....	3	..	2	7	1	2	1	3	1	..	16	10	....	25	1	....	13	13	....	1	8	12	3	....	1	....	....	....	....	....	1
14. Dysentery	2	....	....	....	1	....	....	....	....	....	....	....	....	....	1	..	2	....	....	2	....	....	1	1	....	....	....	....	....	....	....	....	....	1	..	1	....	....
20. Purulent infection and septicaemia	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
24. Tetanus	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....
Total deaths from tuberculosis	7	....	1	..	1	....	....	....	1	1	1	1	....	..	1	....	....	3	4	....	7	....	....	4	3	....	1	1	1	..	1	..	1	..	1	..	1	..
28. Tuberculosis of the lungs	5	....	....	....	1	....	....	....	....	1	1	1	....	....	1	....	....	2	3	....	5	....	....	2	3	....	1	1	1	..	1	..	1	....	....	....	....	....
30. Tuberculous meningitis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....
31. Abdominal tuberculosis	1	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	1	..	....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	3	....	....	....	....	....	....	....	....	....	....	....	1	1	..	1	..	1	2	....	3	....	....	1	2	....	..	1	..	1	....	....	....	....	1	....	....	....
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....
42. Cancer and other malignant tumors of the female genital organs	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	1	....	....	..	1	....	....	....	....	....	....	....	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	4	....	....	....	....	....	....	....	....	....	....	1	....	....	1	2	..	1	3	....	4	....	....	2	2	....	....	....	....	1	1	1	....	....	....	....	....	1
46. Other tumors (tumors of the female genital organs excepted)	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
48. Chronic rheumatism and gout	2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	2	....	2	....	....	2	....	....	....	....	....	....	....	1	1	....	....	....	....	....
50. Diabetes	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....
51. Exophthalmic goitre	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....
54. Anaemia, chlorosis	5	....	....	....	....	....	....	....	....	....	....	....	1	2	2	....	....	3	2	....	5	....	....	1	4	....	1	..	2	....	....	1	....	....	1	....	....	....
55. Other general diseases	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....

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Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	5	1	1	..	..	..	..	..	..	..	..	..	..	..	2	1	..	4	1	....	4	1	....	2	3	....	1	..	..	..	..	..	..	2	..	1	..	1
19. Acute nephritis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
20. Bright's disease	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
24. Diseases of the bladder	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
25. Diseases of the prostate	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	1	1	..	..	2	..	..	..	..	..	..	..	..	1	..	1	..	..
VII.—The Puerperal State.																																						
Group Total	7	..	..	..	..	..	..	..	..	3	4	..	..	..	..	..	..	..	7	....	7	..	..	..	7	....	1	..	..	..	..	2	2	..	1	..	1	..
135. Puerperal haemorrhage	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
136. Other accidents of labor	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
137. Puerperal septicaemia	2	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2	....	2	..	..	..	2	..	..	..	..	..	..	1	..	..	..	..	1	..
138. Puerperal albuminuria and convulsions	2	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	2	....	2	..	..	..	2	..	..	..	..	..	..	..	2	..	..	..	..	..
139. Puerperal phlegmasia alba dolens, embolus, sudden death	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..
X.—Congenital Malformations.																																						
Group Total	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	....	2	..	..	2	..	..	..	..	..	1	1	..	..	..	..	..	..	..
150. Congenital malformations (still-births not included)	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	....	2	..	..	2	..	..	..	..	..	1	1	..	..	..	..	..	..	..
XI.—Diseases of Early Infancy.																																						
Group Total	21	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	10	....	21	..	..	21	..	..	2	2	4	1	2	1	3	..	2	..	3	1
151. Congenital debility, icterus, and sclerema	17	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	9	....	17	..	..	17	..	..	2	2	3	1	2	1	2	..	2	..	1	1
152. Other diseases peculiar to early infancy	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	....	4	..	..	4	..	..	..	..	1	..	..	..	1	..	..	..	2	..
XII.—Old Age.																																						
154. **Group Total**	34	..	..	..	..	..	..	..	..	..	..	..	..	..	14	20	..	19	15	....	25	8	1	3	31	....	1	5	4	1	6	2	4	2	4	1	2	2
XIII.—Affections Produced by External Causes.																																						
Group Total	8	..	..	..	..	..	..	2	1	2	..	1	1	..	1	..	..	5	3	....	8	..	..	4	4	....	..	..	..	..	1	2	..	..	1	1	2	1
155. Suicide by poison	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	..	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
164. Poisoning by food	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	..	..	1	....	..	..	..	..	..	..	..	..	..	..	1	..
167. Burns (conflagration excepted)	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	678	242	49	20	7	5	18	12	17	25	22	22	42	44	78	71	4	354	324		646	22	10	412	258	8	61	80	114	53	49	40	56	50	64	48	30	33
I.—General Diseases.																																					
Group Total	199	27	13	11	4	2	12	12	12	14	18	16	22	14	14	6	2	92	107	...	192	5	2	109	86	4	15	31	62	11	14	9	14	12	10	8	8	5
1. Typhoid fever	4							2			2							2	2		4			2	2				1					2		1		
6. Measles	16	7	4	1	1		3											6	10		16			16			5		1	1	1							
7. Scarlet fever	1	1																1			1			1														
8. Whooping cough	11	8	3															5	6		11			11			1	1	2		2	1			2		2	
9. Diphtheria and croup	15	1	2	1	2	2	5	1									1	4	11		15			14		1	3			1	3	2	1	1	1	2	1	
10. Influenza	58	10	3	6	1			2	5	9	7	6	2		4	3		29	29		56	2		28	30			12	40	2	1		1		1	1	1	
13. Cholera nostras	1												1					1			1			1											1			
14. Dysentery	1															1			1		1				1										1			
20. Purulent infection and septicaemia	1										1							1			1			1													1	
24. Tetanus	1			1														1			1			1			1										
Total deaths from tuberculosis	43		1	2			2	5	6	5	7	5	9	1				17	26		41	1	1	25	18		2	6	9	3	5	3	5	3		2	2	3
28. Tuberculosis of the lungs	36			1			1	4	5	5	6	4	9	1				14	22		34	1	1	20	16		1	5	7	3	5	3	5	3		1	1	2
30. Tuberculous meningitis	2							1			1								2		2			1	1			1								1		
31. Abdominal tuberculosis	3						1		1			1						2	1		3			2	1				1							1	1	
34. Tuberculosis of other organs	2		1	1														1	1		2			2			1		1								
39. Cancer and other malignant tumors of the buccal cavity	2													1		1		2			2				2												
40. Cancer and other malignant tumors of the stomach, liver	8											1	3	3	1			3	5		8			1	7				2		1		1	1	2		1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	4												1	2	1			3	1		3	1			4			1				1	1			1		
42. Cancer and other malignant tumors of the female genital organs	2													1	1				2		2				1	1	1								1			
43. Cancer and other malignant tumors of the breast	1													1					1		1				1			1									
44. Cancer and other malignant tumors of the skin	1															1			1		1				1							1					
45. Cancer and other malignant tumors of other organs or of organs not specified	15											3	5	4	3			9	6		14		1		14	1	3	2	3			1	3	2	1			
47. Acute articular rheumatism	2								1					1				1	1		2			1		1								1	1			
50. Diabetes	4						1	2			1							2	2		4			3	1		1								1	2		
51. Exophthalmic goitre	1										1								1		1				1													
54. Anaemia, chlorosis	5												1		2	1	1	4	1		5			2	3			2			1			2				
55. Other general diseases	2						1								1			1	1		2																	

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Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	18		1	1			1					1		5	4	5		13	5		17	1		3	15		3	3	2	6		1	1	1		1		
119. Acute nephritis	3		1	1			1											3			3			3				1		2							
120. Bright's disease	10													4	3	3		7	3		10				10		2	2	1	2		1		1		1	
122. Other diseases of the kidneys and annexa	1													1				1			1				1					1							
124. Diseases of the bladder	1														1				1			1			1		1										
126. Diseases of the prostate	2															2		2			2				2				1			1					
128. Uterine haemorrhage (non-puerperal)	1											1							1		1				1					1							
VII.—The Puerperal State.																																						
Group Total	2									1	1								2		2				2					1	1							
134. Accidents of pregnancy	1										1								1		1				1					1								
138. Puerperal albuminuria and convulsions	1									1									1		1				1						1							
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	4	2	1												1			3	1		4			3	1		1	1				1					1
142. Gangrene	1														1				1		1				1							1						
144. Acute abscess	3	2	1															3			3			3				1	1								1
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1															1		1			1				1			1										
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1															1		1			1				1			1										
X.—Congenital Malformations.																																						
Group Total	7	7																5	2		7			7					2	1			2	1			1
150. Congenital malformations (still-births not included)	7	7																5	2		7			7					2	1			2	1			1
XI.—Diseases of Early Infancy.																																						
Group Total	102	102																59	43		102			102			14	10	10	10	10	7	8	3	7	6	7	10
151. Congenital debility, icterus and sclerema	93	93																54	39		93			93			11	9	9	10	10	6	7	2	7	5	7	10
152. Other diseases peculiar to early infancy	9	9																5	4		9			9			3	1	1			1	1			1		

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CAUSES OF DEATH IN THE COUNTY OF PRINCE EDWARD, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	Febrtuary.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	287	25	1	2		2	3	5	3	12	11	14	26	39	70	74		149	138		254	30	3	79	205	3	21	34	38	25	17	22	11	24	23	21	26	25
I.—General Diseases.																																					
Group Total	59	1	..	..	..	1	..	1	..	7	7	4	7	12	15	4	..	28	31	....	56	3	....	12	47	....	3	12	11	4	1	5	3	4	..	4	7	5
5. Smallpox	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
7. Scarlet fever	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
9. Diphtheria and croup	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
10. Influenza	11	..	..	..	..	..	..	..	..	3	5	1	..	..	2	..	..	2	9	..	10	1	..	3	8	..	1	8	2	..	..	..	..	..	..	..	..	..
18. Erysipelas	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
24. Tetanus	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
Total deaths from tuberculosis	7	..	..	..	..	..	..	..	..	4	1	1	..	1	..	..	..	5	2	....	6	1	....	1	6	....	1	1	2	..	..	1	1	..	..	1	..
28. Tuberculosis of the lungs	6	..	..	..	..	..	..	..	..	3	1	1	..	1	..	..	..	5	1	....	6	..	....	1	5	....	1	1	1	..	..	1	1	..	..	1	..
29. Acute miliary tuberculosis	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	..	1	....	..	1	....	..	..	1	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	3	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	2	1	....	2	1	....	1	2	....	..	..	..	..	1	..	..	..	..	2	..	..
40. Cancer and other malignant tumors of the stomach, liver	7	..	..	..	..	..	..	..	..	..	..	..	2	5	..	..	..	4	3	....	7	..	....	2	5	....	1	1	1	1	..	1	..	..	..	1	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	5	..	..	..	..	..	..	..	..	..	..	..	1	..	3	1	..	3	2	....	5	..	....	..	5	....	..	1	..	1	..	..	2	..	..	..	..	1
42. Cancer and other malignant tumors of the female genital organs	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	..	1
43. Cancer and other malignant tumors of the breast	4	..	..	..	..	..	..	..	..	..	..	1	..	..	2	1	..	..	4	....	4	..	....	..	4	....	..	..	..	..	..	..	..	1	..	..	3	..
44. Cancer and other malignant tumors of the skin	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	....	2	..	....	1	1	....	..	..	1	..	..	..	1	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	6	..	..	..	..	..	..	..	..	..	..	..	..	1	3	2	..	3	3	....	6	..	....	..	6	....	..	..	2	..	..	2	..	1	..	1	..	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	....	2	..	....	..	2	....	..	..	1	..	..	..	1	3	2	..	..	..
54. Anaemia, chlorosis	6	..	..	..	..	..	..	..	..	..	..	..	2	4	..	..	..	2	4	....	6	..	....	1	5	....	..	..	3	..	..	1	..	..	..	1	1	1

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Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	12											3	2	1	3	3		8	4		10	2		3	8	1	2	1		2	1			2	2	1	1	
120. Bright's disease	6												2	1	3			3	3		5	1		3	2	1	1	1						1	1	1	1	
122. Other diseases of the kidneys and annexa	2											2						1	1		2				2					1				1			
125. Diseases of the urethra, urinary abscess, etc.	1											1						1			1				1								1				
126. Diseases of the prostate	3															3		3			2	1			3		1			1	1						
VII.—The Puerperal State.																																						
Group Total	2										1	1							2		2				2								1				1	
135. Puerperal haemorrhage	1									1									1		1				1											1	
137. Puerperal septicaemia	1										1								1		1				1								1				
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	1															1			1		1			1					1								
142. Gangrene	1															1			1		1			1					1								
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	2												2						2		2				2		1											1
146. Diseases of the bones (tuberculosis excepted)	1												1						1		1				1												1
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1												1						1		1				1		1										
X.—Congenital Malformations.																																						
Group Total	2	2																2			2			2			2											
150. Congenital malformations (still-births not included)	2	2																2			2			2			2											
XI.—Diseases of Early Infancy.																																						
Group Total	10	10																8	2		10			10			1		2	1	1		1			1	3
151. Congenital debility, icterus and sclerema	10	10																8	2		10			10			1		2	1	1		1			1	3

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.															Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	153	35	3	3	2	1	8	5	3	15	11	13	12	14	15	9	4	77	76		105	42	6	70	79	4	12	17	18	17	7	15	11	11	9	12	11	13
I.—General Diseases.																																					
Group Total	77	10	2	3	1	1	7	2	2	11	10	8	6	8	6	..	..	30	47	....	56	20	1	34	43	....	7	11	13	10	2	4	4	5	4	8	3	6
1. Typhoid fever	4	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	2	2	....	3	1	....	2	2	....	..	..	..	..	..	..	1	..	2	1	..	..
6. Measles	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	....	3	..	....	3	..	....	..	..	..	3	..	..	..	..	..	..	..	..
8. Whooping cough	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	1	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	3	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	1	2	....	3	..	....	3	..	....	1	..	1	..	..	..	..	..	..	..	1	..
10. Influenza	33	6	1	1	1	3	..	..	2	7	3	2	3	3	..	..	..	14	19	....	27	6	....	15	18	....	1	7	10	5	1	..	..	..	..	4	1	4
18. Erysipelas	3	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	2	....	2	1	....	2	1	....	..	..	1	..	..	1	..	..	..	..	..	1
20. Purulent infection and septicaemia	2	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	....	1	1	....	2	..	....	..	..	..	..	..	..	..	1	1	..	..	..
Total deaths from tuberculosis	18	..	..	..	..	..	1	1	1	6	1	4	1	1	2	..	..	5	13	....	11	6	1	5	13	....	3	1	1	..	..	2	3	4	..	2	1	1
28. Tuberculosis of the lungs	18	..	..	..	..	..	1	1	1	6	1	4	1	1	2	..	..	5	13	....	11	6	1	5	13	....	3	1	1	..	..	2	3	4	..	2	1	1
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	..	1	....	..	1	....	..	..	..	..	..	1	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	5	..	..	..	..	..	..	..	..	..	..	..	2	2	1	..	..	2	3	....	3	2	....	..	5	....	1	2	..	1	..	..	..	..	1	..	..	..
45. Cancer and other malignant tumors of other organs o of organs not specified	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
50. Diabetes	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	1	....	..	2	....	..	2	....	1	..	..	..	..	..	..	..	..	1	..	..
55. Other general dieases	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense																																					
Group Total	6	..	..	..	..	..	..	..	..	1	..	1	1	2	1	..	..	4	2	....	2	4	....	1	5	....	1	1	1	..	..	1	1	..	..	..	..	1
63. Other diseases o the spinal cord	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	1	..	..	..	..	..
64. Cerebral hemorrhage, apoplexy	4	..	..	..	..	..	..	..	..	..	..	1	1	2	..	..	..	2	2	....	1	3	....	..	4	....	1	1	1	..	..	1	..	..	..	..	..	..
66. Paralysis without specified cause	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	..	1	....	1	..	....	..	..	..	..	..	..	..	..	..	..	..	1

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RAINY RIVER—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	11				1			1	1	1	1	2	1	2			1	7	4		4	6	1	4	6	1			3		1	3	1	1	1		1	
164. Poisoning by food	1													1				1				1			1													
165. Other acute poisonings	1				1														1		1			1						1							
169. Accidental drowning	2						1					1						1	1		2			1	1						2						
172. Traumatism by fall	1											1							1			1			1			1									
175. Traumatism by other crushing	4								1	1	1						1	4			1	2	1	1	2	1			1		1	1	1				
(a) Railroad	2								1		1							2			1	1		1	1				1		1						
(b) Street car																																					
(c) Automobile																																					
(d) Other crushing	2										1						1	2				1	1		1	1						1	1				
185. Fractures (cause not specified)	1												1						1			1		1										1		
186. Other external violence	1													1				1				1			1									1			
XIV.—Ill-Defined Diseases.																																					
Group Total	2						1					1						2			1	1		2								1					1
189. Cause of death not specified or ill-defined	2						1					1						2			1	1		2								1					1
Still-Births.																																					
Not included in totals	10	10																8	2		10			10			1		1	2		2		2		1	1

CAUSES OF DEATH IN THE COUNTY OF RENFREW, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	433	101	13	3	5	7	11	5	12	26	24	17	32	42	66	69		227	206		342	84	7	203	230		38	56	49	42	44	29	29	31	33	32	30	24
I.—General Diseases.																																						
Group Total	106	9	6	2	2	5	5	3	5	15	9	8	15	13	8	1	..	49	57	....	93	13	....	50	56	....	4	18	22	9	7	4	9	6	7	8	6	6
1. Typhoid fever	2	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	2	..	..	2	..	..	1	1	..	..	..	..	..	1	..	..	..	..	..	..	1
8. Whooping cough	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	..	..	..	1	..	1	..	..	..	..	..	..
9. Diphtheria and croup	16	1	1	1	1	3	5	2	1	1	..	..	..	..	..	..	..	7	9	..	16	..	..	15	1	..	..	..	..	1	2	..	7	2	2	2	..	..
10. Influenza	31	5	4	..	..	1	..	..	3	5	6	2	2	2	1	..	..	14	17	..	26	5	..	17	14	..	1	14	11	3	1	..	..	..	..	..	..	1
13. Cholera nostras	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
14. Dysentery	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total deaths from tuberculosis	17	1	..	..	..	..	..	..	1	5	1	4	3	2	..	..	..	9	8	..	12	5	..	6	11	..	..	1	2	3	3	..	..	..	3	3	..	2
28. Tuberculosis of the lungs	14	..	..	..	..	..	..	..	1	5	1	3	3	1	..	..	..	8	6	..	11	3	..	5	9	..	..	1	2	2	2	..	..	..	3	3	..	1
29. Acute miliary tuberculosis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
30. Tuberculous meningitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
36. Rickets	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	..	..	1	..	..	..	..	..	1	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	3	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	3	..	..	2	1	..	..	3	..	..	..	..	..	..	..	1	..	1	..	1	..	..
40. Cancer and other malignant tumors of the stomach, liver	6	..	..	..	..	..	..	..	..	..	..	..	1	2	3	..	..	3	3	..	5	1	..	1	5	..	..	1	1	..	..	..	..	1	..	..	2	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	1	..	2	..	..	..	2	..	..	..	..	..	..	1	..	..	..	1	..	..
42. Cancer and other malignant tumors of the female genital organs	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
43. Cancer and other malignant tumors of the breast	2	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	..	2	..	..	..	2	..	1	..	1	..	..	..	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	4	..	..	..	..	..	..	..	..	..	..	..	3	..	1	..	..	1	3	..	4	..	..	1	3	..	1	..	..	..	..	..	..	2	..	..	1	..
47. Acute articular rheumatism	2	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	..	..	1	..	..	..	..	..	..	..	1	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	1	..	1	1	..	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..
50. Diabetes	3	..	..	..	..	..	..	1	..	..	..	..	..	2	..	..	..	2	1	..	3	..	..	2	1	..	..	1	..	..	..	..	..	..	..	..	1	1	..
51. Exophthalmic goitre	3	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	..	3	..	3	..	..	..	3	..	1	..	..	1	..	..	1	..	..	..	..	..	..
54. Anaemia, chlorosis	5	..	..	..	..	..	..	..	..	1	..	..	1	2	1	..	..	2	3	..	5	..	..	..	5	..	..	1	..	1	..	..	1	..	1	..	1	..
55. Other general diseases	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1

RENFREW—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	36	6	1	..	..	1	1	..	..	..	1	4	1	7	8	6	..	18	18	..	27	8	1	13	23	..	6	3	2	7	4	1	1	4	1	..	4	3
60. Encephalitis	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	..	..	2	..	..	..	2	..	1	1	..	..	..	..	..	..	..	..	..	..
61. Meningitis	3	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	1	2	..	3	..	..	2	1	..	1	1	1	..	..	..	..	..	..	..	..
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..
64. Cerebral haemorrhage, apoplexy	10	..	..	..	..	..	..	..	..	..	..	..	1	3	2	4	..	7	3	..	5	4	1	2	8	..	2	1	..	3	1	..	1	..	..	2	..
66. Paralysis without special cause	6	..	..	..	..	..	..	..	..	..	1	..	..	3	2	..	..	3	3	..	5	1	..	1	5	..	..	..	..	..	2	..	..	1	..	2	1
68. Other forms of mental alienation	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	2	..	..	1	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	2
69. Epilepsy	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	7	5	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	3	4	..	7	..	..	1	..	..	1	..	1	3	..	1	..	..	1	..	..	..
73. Neuralgia and neuritis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..
74. Other diseases of the nervous system	3	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	3	..	2	1	..	..	3	..	..	..	..	..	1	..	..	2	..	..	..	..
III.—Diseases of the Circulatory System.																																						
Group Total	54	..	..	..	..	..	1	..	..	1	1	2	6	6	19	18	..	27	27	..	39	15	..	8	46	..	3	9	7	5	9	2	2	5	3	1	7	1
77. Pericarditis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
78. Acute endocarditis	3	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	2	1	..	3	..	..	3	..	..	..	..	1	..	..	..	..	..	1	1	..
79. Organic diseases of the heart	34	..	..	..	..	..	..	..	..	..	..	2	4	6	12	10	..	15	19	..	26	8	..	5	29	..	1	7	5	3	5	2	1	2	2	..	5	1
80. Angina pectoris	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	2	..	2	..	..	..	2	..	..	1	..	..	..	..	..	1	..	..	..	..
81. Diseases of the arteries, atheroma, aneurism, etc.	14	..	..	..	..	..	..	..	..	..	..	..	1	..	6	7	..	9	5	..	8	6	..	..	14	..	2	..	1	2	4	..	1	2	..	..	2	..
82. Embolism and thrombosis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of the Respiratory System.																																						
Group Total	41	12	1	1	1	..	..	1	3	6	2	1	3	6	2	2	..	20	21	..	35	5	1	24	17	..	4	8	7	5	4	3	3	..	1	2	2	2
87. Diseases of the larynx	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
89. Acute bronchitis	8	6	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	5	3	..	8	..	..	8	..	..	..	2	2	1	1	1	..	..	..	..	..
90. Chronic bronchitis	3	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	1	2	..	3	..	..	..	3	..	1	1	..	1	..	..	..	..	..	..	..	..
91. Broncho-pneumonia	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..
92. Pneumonia	22	5	1	1	1	..	..	1	2	4	1	1	2	2	..	1	..	10	12	..	19	2	1	13	9	..	2	5	2	2	3	1	1	..	..	2	2	2
93. Pleurisy	2	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	2	..	..	2	..	..	1	1	..	..	..	..	1	..	..	1	..	..	..	..	..
94. Pulmonary congestion, pulmonary apoplexy	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
96. Asthma	2	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	2	..	1	1	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..
V.—Diseases of the Digestive System.																																						
Group Total	37	16	2	..	1	1	2	..	2	2	..	..	1	4	4	2	..	17	20	..	35	2	..	26	11	..	3	1	2	4	3	5	1	5	5	4	..	4
100. Diseases of the pharynx	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
103. Other diseases of the stomach (cancer excepted)	7	2	..	..	..	1	..	..	..	..	..	..	1	2	..	1	..	3	4	..	6	1	..	3	4	..	1	..	1	1	..	1	..	..	2	1	..	..

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RENFREW—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	13	....	1	..	1	..	2	..	1	1	1	1	1	1	3	..	..	12	1	....	10	3	....	6	7	....	1	1	1	1	..	3	..	2	3	..	1	..
155. Suicide by poison	1	....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	....	1	....	....	....	1	....	1	..	..	..	..	..	..	..	..	..	..	..
157. Suicide by hanging or strangulation	1	....	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	....	1	....	....	....	1	....	..	..	1	..	..	..	..	..	..	..	..	..
163. Other suicides	1	....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	....	1	....	....	....	1	....	..	..	..	..	..	1	..	..	..	..	..	..
167. Burns (conflagration excepted)	1	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	..	..	..	..	..	1	..	..	..	..
169. Accidental drowning	3	....	..	..	1	..	..	..	1	1	..	..	..	..	..	..	..	3	....	....	3	....	....	3	....	....	..	..	..	1	..	1	..	1	..	..	..	..
175. Traumatism by other crushing	2	....	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	2	....	....	....	2	....	....	2	....	..	..	..	..	..	..	..	..	2	..	..	..
(a) Railroad	2	....	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	2	....	....	....	2	....	....	2	....	..	..	..	..	..	..	..	..	2	..	..	..
176. Injuries by animals	1	....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	..	..	..	1	..	..	..	..	..	..
178. Excessive cold	1	....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	....	....	1	....	....	1	....	..	..	..	..	..	..	..	..	1	..	..	..
185. Fractures (cause not specified)	1	....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	..	1	..	..
186. Other external violence	1	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	1	..	..	..	..	..	..	..	1	..
XIV.—Ill-Defined Diseases.																																						
Group Total	15	....	2	..	..	..	..	..	..	....	8	1	1	2	1	..	..	11	4	....	10	2	3	6	9	....	1	3	1	2	2	2	1	1	....	2	..
187. Ill-defined organic disease	2	....	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	2	....	....	....	2	....	....	2	....	..	..	..	..	..	1	..	1	..	..	..	..
189. Cause of death not specified or ill-defined	13	....	2	..	..	..	..	..	..	....	8	..	1	2	..	..	..	9	4	....	10	....	3	6	7	....	1	3	1	2	1	2	..	1	..	..	2	..
Still-Births.																																						
Not included in totals	31	31	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	22	9	....	31	....	....	31	....	....	..	5	6	2	..	2	3	2	3	1	5	2

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	783	130	19	6	7	9	27	17	22	42	52	47	55	100	135	109	6	440	343		628	141	14	364	399	20	75	113	70	73	72	59	51	35	49	61	56	69
I.—GENERAL DISEASES.																																					
Group Total	248	16	4	3	4	3	16	11	15	26	33	21	23	33	26	13	1	130	118		201	41	6	129	116	3	19	57	33	28	17	20	14	9	17	11	10	13
6. Measles	17	2	1			1	8	3	1	1								7	10		16	1		17				2	5	6		1						3
7. Scarlet fever	3				1		2											2	1		3			3			1	2									
8. Whooping cough	11	9	1		1													6	5		11			11			1	1	2		1	1	4	1			
9. Diphtheria and croup	8	1		1	1	2	1	1	1									4	4		7	1		8						1		1		2	1	2
10. Influenza	62	2	2	2	1		2	1	2	6	22	3	2	5	9	2	1	36	26		53	9		30	31	1		40	10	6	1	2		1			2	
14. Dysentery	1	1																1			1			1				1									
18. Erysipelas	3													1	1	1			3		3				3			1	1			1				
20. Purulent infection and septicaemia	2						1		1									2			1	1		2				1						1			
Total deaths from tuberculosis	59	1					1	5	9	14	8	11	5	5				31	28		53	4	2	38	20	1	8	6	6	8	7	5	2	1	8	3	1	4
28. Tuberculosis of the lungs	56						1	5	8	14	7	11	5	5				30	26		51	3	2	36	19	1	8	6	6	7	6	5	2		8	3	1	4
31. Abdominal tuberculosis	1	1																	1		1			1													
32. Pott's disease	1							1										1			1			1										1			
34. Tuberculosis of other organs	1									1									1		1				1						1						
39. Cancer and other malignant tumors of the buccal cavity	7									1			1	2	3			4	3		2	5			7					1		1	2	1	1		
40. Cancer and other malignant tumors of the stomach, liver	13									1	2		1	5	4			11	2		8	2	3	4	9					1	2	2	2	1	3	1	1	
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	7												3	2	1	1		3	4		6	1		1	6				1					2	1	1	2
42. Cancer and other malignant tumors of the female genital organs	6											2	4						6		3	3		1	5		1			1			1		1		2
43. Cancer and other malignant tumors of the breast	4									1				2	1				4		3	1		1	3						1			2		1	
45. Cancer and other malignant tumors of other organs or of organs not specified	11											1	3	3	3	1		5	6		8	3		1	9	1	4	1	1	1		2				2	
46. Other tumors (tumors of the female genital organs excepted)	1													1					1		1			1			1										
47. Acute articular rheumatism	4						1	1							2			2	2		2		2	2			1	1				1					
48. Chronic rheumatism and gout	5									1		1		1	1	1		2	3		4		1	3	2			1		1		1	1				
50. Diabetes	6						1						3	1		1		4	2		4	2		2	4		1		1	1		1		1		1	1

SIMCOE—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
51. Exophthalmic goitre	1									1									1		1			1								1					
53. Leuchaemia	1													1				1			1																
54. Anaemia, chlorosis	13										1	1	2	4	2	3		8	5		8	5		1	11		1		2	3	2	3				2		
55. Other gener l diseases	3									2				1				1	2		2	1		1	2				1	1				1			
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	68	5	4	1		1	2		3	1	3	7	5	18	12	4	2	33	35		55	11	2	32	34	2	8	4	6	10	7	3	2	4	3	7	6	8
61. Meningitis	6	2	2	1		1								4	2			4	2		6			6			2		2						1		
63. Other diseases of the spinal cord	4											1		3				4	1		3	1		2	2		1		1		1					1	
64. Cerebral haemorrhage, apoplexy	23										1	2	3	9	5	3		10	13		19	3	1	5	18		2	1	2	2	3		1	2	2	2	2	4
65. Softening of the brain	2													2				1	1		2			1	1					1	1						
66. Paralysis without specified cause	10												1	1	6	1	1	3	7		7	3		2	8			1			1	1		1	1		2	3
68. Other forms of mental alienation	10						1				1	3	1	3	1			4	6		7	3		4	4	2				6		1				2	1	
69. Epilepsy	4						1		2	1								4			3	1		4			1		1	1						1	
71. Convulsions of infants	4	3	1															3	1		4			4			1	1				1				1	
72. Chorea	2								1		1								2		2			2				1			1						
74. Other diseases of the nervous system	2											1					1		2		1			1	1		1				1						
76. Diseases of the ears	1		1																1		1			1													1
III.—Diseases of the Circulatory System																																						
Group Total	117									1	7	5	12	26	40	26		61	56		84	31	2	22	90	5	16	9	6	7	12	9	9	4	7	14	15	9
78. Acute endocarditis	1											1							1			1			1						1						
79. Organic diseases of the heart	74										6	4	11	14	25	14		39	35		56	17	1	18	51	5	9	5	4	4	9	6	7	2	4	9	11	4
80. Angina pectoris	2													1		1		2			2				2				1							1	
81. Diseases of the arteries, atheroma, aneurism, etc.	35												1	10	15	9		18	17		23	11	1	3	32		7	4	1	2	3	2	1	2	3	5	2	3
82. Embolism and thrombosis	3										1					2		1	2		2	1			3								1			1	1
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	1													1					1			1			1					1							
85. Haemorrhage; other diseases of the circulatory system	1									1								1			1			1													1
IV.—Diseases of the Respiratory System																																						
Group Total	76	15	5	1	2	1	1	2	2	3	1	3	3	1	6	9	1	48	28		64	12		41	34	1	8	13	9	9	5	6	7		2	3	4	10
86. Diseases of the nasal fossae	1			1														1			1			1													1
88. Diseases of the thyroid body	1												1						1		1				1							1					
89. Acute bronchitis	10	6			1						1				1	1		9	1		10			8	2		2	1	1	1		1	1			2	1
90. Chronic bronchitis	11													1	5	4	1	5	6		5	6		3	8		3	2	1	2			2		1		

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SIMCOE—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	5											1	2	1		1		3	2		4		1	1	4			1			1	1	1				1	
142. Gangrene	4											1	1	1		1		3	1		3		1	1	3			1			1	1	1					
144. Acute abscess	1												a 1						1		1				1											1	
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1							1										1			1			1														1
146. Diseases of the bones (tuberculosis excepted)	1							1										1			1			1														1
X.—Congenital Malformations.																																						
Group Total	9	7	2															2	7		9			9			4	1								1		3
150. Congenital malformations (still-births not included)	9	7	2															2	7		9			9			4	1								1		3
XI.—Diseases of Early Infancy.																																						
Group Total	64	64																41	23		64			64			4	9	4	4	9	4	7	4	2	9	4	4
151. Congenital debility, icterus, and sclerema	58	58																36	22		58			58			3	9	2	4	8	4	5	4	2	9	4	4
152. Other diseases peculiar to early infancy	5	5																4	1		5			5					2		1		2					
153. Lack of care	1	1																1			1			1			1											
154. XII.—Old Age.																																						
Group Total	69														25	44		42	27		39	28	2	5	61	3	9	7	7	6	8	5	3	3	3	5	9	4
XIII.—Affections Produced by External Causes.																																						
Group Total	26	2	2			2		1		5	1	3	2	2	3	3		20	6		21	5		14	11	1			1	1	3	4	4	3	4	4	1	1
155. Suicide by poison	2													1		1		1	1		2			1		1									1	1		
158. Suicide by drowning	1											1						1				1			1						1							
163. Other suicides	1											1						1			1				1								1					

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CAUSES OF DEATH IN THE COUNTIES OF STORMONT, DUNDAS AND GLENGARRY, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	665	107	16	7	5	6	12	10	10	31	44	22	45	91	126	133		319	346		615	46	4	258	406	1	59	81	85	47	54	53	34	49	52	51	51	49
I.—General Diseases.																																						
Group Total	168	8	4	3	2	..	7	4	7	23	28	15	15	25	19	8	..	68	100	....	159	8	1	58	109	1	9	25	33	9	11	12	11	13	15	10	10	10
1. Typhoid fever	7	....	....	....	....	....	....	....	1	2	1	2	1	..	..	..	..	4	3	....	7	....	....	3	4	....	..	1	1	1	1	1	1	..	..	1	..	..
6. Measles	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	..	1	..	..	..	..	..	..	..	..	..	..
8. Whooping cough	7	4	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	5	2	....	7	....	....	7	....	....	..	..	..	..	1	..	1	2	..	1	1	1
9. Diphtheria and croup	9	1	1	2	....	....	3	1	....	1	....	....	....	....	....	....	....	3	6	....	9	....	....	8	1	....	..	..	..	..	..	..	..	..	1	..	1	1
10. Influenza	30	2	1	1	1	..	1	1	1	5	8	1	3	2	2	1	..	12	18	....	28	2	....	11	19	....	..	7	20	..	..	..	1	..	1	..	1	..
13. Cholera nostras	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	..	..	..	..	..	..	..	..	..	..	1	..
14. Dysentery	2	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	2	....	2	....	....	....	2	....	..	..	..	..	..	..	..	2	..	..	..	..
18. Erysipelas	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	1	..	..	..	..	..	..	..	..	..	..	..
20. Purulent infection and septicaemia	2	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	2	....	2	....	....	2	....	....	..	..	2	..	..	..	..	..	..	..	..	..
Total deaths from tuberculosis	46	....	....	....	1	..	1	2	4	10	14	5	2	4	3	..	..	19	27	....	45	1	....	21	25	....	5	5	4	3	5	4	2	7	3	5	..	3
28. Tuberculosis of the lungs	42	....	....	....	1	..	1	..	4	10	13	5	2	4	2	..	..	17	25	....	41	1	....	19	23	....	5	3	4	2	5	4	1	7	..	35	..	3
29. Acute miliary tuberculosis	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	..	1	..	..	..	..	..	..	..	..	..	..
30. Tuberculous meningitis	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	..	..	1	..	..	..	..	..	..	..	..	..
31. Abdominal tuberculosis	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	..	..	..	..	..	1	..	..	..	..	..	..
35. Disseminated tuberculosis	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	1	....	..	1	..	..	..	..	..	..	..	..	1	..
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	1	....	....	1	....	....	....	1	....	..	..	..	..	1	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	15	....	....	....	....	....	....	....	....	....	....	2	1	6	2	4	..	6	9	....	15	....	....	2	13	....	1	1	..	1	..	4	1	1	4	..	..	2
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	9	....	....	....	....	....	....	....	....	....	....	....	....	2	6	1	..	4	5	....	9	....	....	....	9	....	..	..	3	..	..	..	1	..	1	1	3	..
42. Cancer and other malignant tumors of the female genital organs	3	....	....	....	....	....	....	....	....	....	2	....	....	....	1	....	....	....	3	....	3	....	....	....	3	....	..	1	..	..	..	..	1	..	..	..	..	1
43. Cancer and other malignant tumors of the breast	4	....	....	....	....	....	....	....	....	....	....	1	1	..	1	1	..	....	4	....	4	....	....	....	4	....	1	..	1	..	..	1	..	..	1	..	..	..
44. Cancer and other malignant tumors of the skin	3	....	....	....	....	....	....	....	....	....	....	....	1	..	2	..	..	2	1	....	3	....	....	....	3	....	1	..	..	..	1	..	..	1	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	5	....	....	....	....	....	....	....	....	....	1	....	1	2	1	..	..	4	1	....	3	2	....	....	5	....	..	1	..	2	1	..	1	..	..	..	..	..
46. Other tumors (tumors of the female genital organs excepted)	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	..	..	..	..	..	..	..	..	1	..	..	..

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STORMONT, DUNDAS AND GLENGARRY—Continued

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
V.—Diseases of the Digestive System.																																						
Group Total	51	30	6	..	1	1	..	..	..	....	2	3	1	4	2	1	..	25	26	....	51	....	....	41	10	....	3	3	3	1	5	2	2	6	13	9	3	1
102. Ulcer of the stomach	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	1	1	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	1
103. Other diseases of the stomach (cancer excepted)	4	1	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	4	..	..	4	..	..	1	3	..	1	1	1	..	..	..	..	1	..	..	..	..
104. Diarrhoea and enteritis (under 2 years)	32	27	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	16	....	32	..	..	32	..	..	1	..	2	1	3	1	..	5	10	8	1	..
105. Diarhoea and enteritis (2 years and over)	3	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	..	3	....	3	..	..	1	2	..	..	..	..	..	..	..	..	..	2	..	1	..
108. Appendicitis and typhlitis	2	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	2	....	2	..	..	..	2	..	..	1	..	..	..	..	..	..	..	..	1	..
109. Hernia, intestinal obstructions	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..
110. Diseases of the intestines	4	1	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	2	2	....	4	..	..	4	..	..	..	1	..	..	1	..	2	..	..	..	..	..
114. Biliary calculi	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
115. Other diseases of the liver	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
117. Simple peritonitis (non-puerperal)	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																					
Group Total	37	..	..	..	1	1	1	..	..	1	1	1	4	15	10	2	..	24	13	....	35	2	....	10	27	....	2	5	3	2	3	2	3	6	1	1	6	3
119. Acute nephritis	2	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	....	2	..	..	2	..	..	..	..	1	..	..	..	..	1	..	..	..	..
120. Bright's disease	28	..	..	1	..	..	..	..	..	1	1	..	3	12	8	2	..	18	10	....	26	2	....	7	21	....	2	4	2	2	2	1	1	3	1	1	6	3
122. Other diseases of the kidneys and annexa	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
124. Diseases of the bladder	3	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	3	..	..	3	..	..	..	3	..	..	1	..	..	..	..	..	1	1	..	..	..
126. Diseases of the prostate	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	..	2	..	..	..	2	..	..	..	..	..	..	1	1	..	..	..	..	..
131. Cysts and other tumors of the ovary	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
VII.—The Puerperal State.																																					
Group Total	4	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	4	....	4	..	....	..	4	....	..	..	..	1	2	1	..	..	..	..	..	..
134. Accidents of pregnancy	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
135. Puerperal haemorrhage	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..
137. Puerperal septicaemia	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
VIII.—Diseases of the Skin and of the Cellular Tissue.																																					
Group Total	3	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	1	2	....	3	..	..	1	2	....	1	..	1	1	..	..	..	..	..	..	..	..
142. Gangrene	3	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	1	2	....	3	..	..	1	2	..	1	..	..	..	1	..	..	..	..	..	..	..
IX.—Diseases of the Bones and of the Organs of Locomotion.																																					
Group Total	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	....	2	..	..	2	..	..	..	..	..	..	1	..	..	1	..	..	..	..
147. Diseases of the joints (tuberculosis and rheumatism excepted	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	....	2	..	..	2	..	..	..	..	..	..	1	..	..	1	..	..	..	..

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	424	158	27	11	8	2	18	14	11	38	27	25	14	27	23	12	9	243	181		355	56	13	275	135	14	33	66	39	27	26	35	34	35	40	37	22	30
I.—General Diseases.																																						
Group Total	113	16	9	6	4	1	10	10	3	1	7	14	5	6	7	1	2	2	69	44		90	18	5	70	42	1	8	31	17	9	3	7	4	4	11	6	5	8
1. Typhoid fever	2								1		1								1	1		1	1		2														
6. Measles	7	1	4	2															4	3		7			7			3	1		2				1			
7. Scarlet fever	2				1			1											2			2			2			1							1			
8. Whooping cough	5	5																	2	3		5			5				3		1				1			
9. Diphtheria and croup	14			2	1	1	5	4										1	8	6		14			14						2		3		2	2		1	4
10. Influenza	44	4	3	2			4	3	1	8	11	4	2	1		1			29	15		32	11	1	22	21	1	2	24	13	1	1		1				1	1
18. Erysipelas	2	1								1									1	1		2			2													1	1
19. Other epidemic diseases	1	1																		1		1			1							1						
20. Purulent infection and septicæmia	2	1																1		2		2			2						2							
Total deaths from tuberculosis	19		2		2		1	2		8	2		1			1			12	7		14	5		8	11		1	1	4	3		1	2	1	3	1	1	1
28. Tuberculosis of the lungs	16				1		1	2		8	2		1			1			10	6		11	5		5	11			1	4	3		1	2	1	2	1	1	
30. Tuberculous meningitis	3		2		1														2	1		3			3			1							1			1
36. Rickets	3	3																	2	1		3			3				1				1		1			
40. Cancer and other malignant tumors of the stomach, liver	4											1	1	2					4				1	3	1	3		1				1			1		1	
41. Cancer and other malignant tumors of the peritonæum, intestines, rectum	1												1						1			1			1										1			
42. Cancer and other malignant tumors of the female genital organs	2												1	1					2			2			2										1			1
45. Cancer and other malignant tumors of other organs or of organs not specified	2													1	1				1	1		2				2									1	1		
50. Diabetes	2								1						1				2			2			1	1			1				1					
54. Anæmia, chlorosis	1														1				1					1		1										1			
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	20	6	4	1	1						1	1		3	1	1	1		12	8		19		1	12	7	1	2		1	1		6		3	4		1	2
60. Encephalitis	2		1	1															1	1		2			2							1			1			

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SUDBURY—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VII.—The Puerperal State.																																						
Group Total	10									6	4								10		9	1			10					1	1		3	2	1		1	1
135. Puerperal hæmorrhage	1										1								1			1			1													1
136. Other accidents of labor	2									2									2		2				2							1				1		
137. Puerperal septicæmia	1									1									1		1				1								1					
138. Puerperal albuminuria and convulsions	5									3	2								5		5				5					1	1		2		1			
140. Following child-birth (not otherwise defined)	1										1								1		1				1								1					
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	2	1							1									1	1		1	1		2					1				1					
144. Acute abcess	2	1							1									1	1		1	1		2					1				1					
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1							1											1		1			1									1					
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1							1											1		1			1									1					
X.—Congenital Malformations.																																						
Group Total	2	2																2			2			2						1						1		
150. Congenital malformations (still-births not included)	2	2																2			2			2						1						1		
XI.—Diseases of Early Infancy.																																						
Group Total	70	70																37	33		70			70			4	4	7	6	7	6	9	3	4	10	4	6
151. Congenital debility, icterus, and sclerema	68	68																37	31		68			68			4	4	7	5	7	6	8	3	4	10	4	6
152. Other diseases peculiar to early infancy	2	2																	2		2			2						1			1					
154. XII.—Old Age.																																						
Group Total	14														9	5		8	6		9	5			14		2	3	2			1	1		2	1	2	

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CAUSES OF DEATH IN THE DISTRICT OF TIMISKAMING, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
I.—General Diseases.	520	195	23	11	6	6	15	10	20	56	57	24	26	31	22	6	12	318	202		438	62	20	338	158	24	38	99	58	34	34	32	24	52	52	37	33	27
Grand Total																																					
Group Total	167	21	9	6	5	4	10	5	14	23	27	8	14	8	2	1	10	102	65	....	139	24	4	93	66	8	7	65	32	10	9	10	1	4	4	3	10	9
1. Typhoid fever	10	....	....	....	....	....	....	2	1	3	3	..	1	..	..	..	..	7	3	....	8	1	1	6	4	....	1	..	1	1	..	..	1	1	1	..	3	1
6. Measles	9	1	4	1	....	2	..	1	....	..	..	..	..	..	..	..	..	5	4	....	8	1	....	8	....	1	..	..	4	1	1	1	1	..	..	..	..	..
7. Scarlet fever	2	....	....	....	....	1	..	..	....	1	..	..	..	..	..	..	..	1	1	....	2	....	....	2	....	....	..	..	..	..	..	..	..	..	1	..	..	..
8. Whooping cough	8	3	3	1	1	....	..	..	....	..	..	..	..	..	..	..	..	1	7	....	8	....	....	8	....	....	..	1	2	..	2	1	..	..	..	..	2	..
9. Diphtheria and croup	3	1	..	..	..	2	..	..	....	..	..	..	..	..	..	..	..	1	2	....	3	....	....	3	....	....	1	..	..	1	..	..	..	..	..	..	1	..
10. Influenza	85	13	1	3	2	2	5	..	8	16	16	3	4	3	1	..	8	57	28	....	71	12	2	48	32	5	1	58	17	4	1	2	..	..	..	1	1	..
14. Dysentery	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	1	....	3	....	....	2	1	....	..	..	..	..	..	2	..	1	..	..	..	..
20. Purulent infection and septicaemia	3	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	1	....	3	....	....	1	2	....	..	1	..	..	..	2	..	..	..	..	..	..
Total deaths from tuberculosis	25	....	....	....	2	2	..	2	2	2	7	2	4	1	..	..	1	14	11	....	20	4	1	9	14	2	2	3	4	2	3	2	..	1	1	1	1	5
28. Tuberculosis of the lungs	22	....	....	....	1	1	..	2	1	2	7	2	4	1	..	..	1	12	10	....	17	4	1	6	14	2	2	3	4	2	3	1	..	1	1	1	..	4
30. Tuberculous meningitis	3	....	....	....	1	1	..	..	1	..	..	..	..	..	..	..	..	2	1	....	3	....	....	3	....	....	..	..	..	..	..	1	..	..	..	..	1	1
36. Rickets	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	2	....	....	....	....	....	....	....	....	....	....	....	1	..	1	....	....	1	1	....	2	....	....	....	2	....	1	..	..	1	..	..	..	..	..	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	....	....	....	....	....	....	....	....	1	..	..	1	....	....	....	....	1	1	....	1	1	....	....	2	....	..	..	..	..	1	..	..	..	..	..	1	..
42. Cancer and other malignant tumors of the female genital organs	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
44. Cancer and other malignant tumors of the skin	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
45. Cancer and other malignant tumors of other organs or of organs not specified	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....
46. Other tumors (tumors of the female genital organs excepted)	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
47. Acute articular rheumatism	2	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	2	....	....	..	..	1	..	..	1	..	..	..	..	..	..
50. Diabetes	2	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	1	1	....	1	1	....	....	2	....	..	1	..	..	1	..	..	..	..	..	..	..
53. Leuchaemia	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
56. Alcoholism (acute or chronic)	4	....	1	....	....	....	....	....	....	....	....	2	....	....	....	....	1	4	....	....	3	1	....	2	2	....	....	....	2	....	....	....	1	....	....	....	....	1

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TIMISKAMING—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
120. Bright's disease	6									3		2		1				3	3		5	1			6				1			1	1		2	1	
126. Diseases of the prostate	1												1					1			1					1				1							
131. Cysts and other tumors of the ovary	2										2								2		2				2											1	1
VII.—The Puerperal State.																																						
Group Total	5									3	1	1							5		3	1	1		5			1	1		1			1			1	
134. Accidents of pregnancy	2										1	1							2		1	1			2			1	1								
136. Other accidents of labor	1									1									1		1				1								1				
137. Puerperal septicaemia	1									1									1				1		1											1	
138. Puerperal albuminuria and convulsions	1									1									1		1				1					1							
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1													1				1			1				1			1									
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1													1				1			1				1			1									
X.—Congenital Malformations.																																						
Group Total	9	9																4	5		9				9		1		1			1		1	1	3	1	
150. Congenital malformations (still-births not included)	9	9																4	5		9				9		1		1			1		1	1	3	1	
XI.—Diseases of Early Infancy.																																						
Group Total	67	67																42	25		67				67		9	5	4	4	4	6	7	5	13	3	4	3
151. Congenital debility, icterus and sclerema	64	64																40	24		64				64		9	5	3	3	4	6	6	5	13	3	4	3
152. Other diseases peculiar to early infancy	3	3																2	1		3				3				1	1			1					
154. XII.—Old Age.																																						
Group Total	6														5	1		2	4		4		2	1	5			4		2								
XIII.—Affections Produced by External Causes.																																						
Group Total	39	1		3		1	2	3	3	13	5	2	2		2	1	1	31	8		26	8	5	24	7	8	4	3	3	4	2	5	2	6	3	3	3	1
157. Suicide by hanging or strangulation	1										1							1			1			1														
159. Suicide by firearms	1									1								1			1			1												1		
164. Poisoning by food	1			1															1		1			1					1								
165. Other acute poisonings	3			1		1									1			2	1		3			2		1	1					1			1		

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.															Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	85	14	2	1	1		4	2	5	14	14	3	2	10	6	7		42	43		69	16		44	36	5	3	22	18	6	7	2	6	3	5	6	3	4
I.—General Diseases.																																						
Group Total	24	2	1	..	..	..	1	1	2	7	6	..	2	1	1	..	..	9	15	..	18	6	..	15	8	1	1	12	4	..	2	..	2	..	1	2	..	..
7. Scarlet fever	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
10. Influenza	11	..	1	..	..	..	..	..	1	3	4	..	..	1	1	..	..	5	6	..	5	6	..	5	6	..	..	10	1	..	..	..	..	..	..	..	..	..
Total deaths from tuberculosis	10	1	..	..	..	..	1	1	1	4	2	..	..	..	..	..	..	4	6	..	10	..	..	9	..	1	1	2	2	..	1	..	1	..	1	2	..	..
28. Tuberculosis of the lungs	9	..	..	..	..	..	1	1	1	4	2	..	..	..	..	..	..	3	6	..	9	..	..	8	..	1	1	2	2	..	1	..	..	..	1	2	..	..
34. Tuberculosis of other organs	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
43. Cancer and other malignant tumors of the breast	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
50. Diabetes	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
60. Encephalitis																																					
64. Cerebral haemorrhage, apoplexy	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
III.—Diseases of the Circulatory System.																																					
Group Total	5	..	..	..	..	..	..	..	..	..	..	..	..	2	2	1	..	4	1	..	2	3	..	..	5	..	..	2	..	..	..	..	1	..	1	..	..	1
78. Acute endocarditis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
79. Organic diseases of the heart	3	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	3	..	..	1	2	..	..	3	..	..	1	..	..	..	..	..	..	1	..	..	1
81. Diseases of the arteries, atheroma, aneurism, etc.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of the Respiratory System.																																					
Group Total	21	2	1	..	..	..	1	..	2	4	5	2	..	3	1	..	..	8	13	..	20	1	..	7	12	2	1	3	12	2	..	..	..	..	..	..	..	3
89. Acute bronchitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.		Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	225	28	2	1	2	2	7	5	2	9	9	16	25	23	38	56			112	113		170	48	7	65	148	12	22	34	21	23	20	10	17	20	13	12	15	18
I.—General Diseases.																																						
Group Total	58	1	1	..	..	..	3	1	2	4	5	8	8	9	13	3	..		24	34	....	50	8	....	10	46	2	4	10	6	6	4	3	5	5	3	5	1	6
1. Typhoid fever	4	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..		3	1	....	4	..	....	..	4	..	..	1	..	1	..	..	..	..	..	1	..	1
6. Measles	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	1	....	1	..	....	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
8. Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	1	....	1	..	....	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..
9. Diphtheria and croup	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..		..	1	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10. Influenza	13	..	..	..	..	..	2	..	2	2	3	2	1	1	..	..	..		4	9	....	12	1	....	4	9	....	1	7	2	1	..	..	..	..	..	..	..	2
Total deaths from tuberculosis	10	..	..	..	..	..	..	1	..	1	1	4	2	..	1	..	..		4	6	....	10	..	....	1	9	....	2	..	..	2	..	..	..	4	1	..	..	1
28. Tuberculosis of the lungs	9	..	..	..	..	..	..	1	..	1	1	3	2	..	1	..	..		4	5	....	9	..	....	1	8	....	2	..	..	2	..	..	..	3	1	..	..	1
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..		..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	1	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..		1	1	....	1	1	....	..	2	....	..	..	..	..	..	2	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..		1	1	....	..	2	....	..	2	....	..	..	..	..	1	..	..	..	..	..	..	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..		1	..	....	1	..	....	1	..	....	..	..	..	..	1	..	..	..	..	..	..	..
43. Cancer and other malignant tumors of the breast	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..		..	1	....	..	1	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	4	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	..		4	..	....	4	..	....	..	4	....	..	..	..	..	1	1	..	1	..	..	1	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..		1	1	....	1	1	....	..	2	....	..	..	..	..	2	..	..	..	..	..	..	..
50. Diabetes	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..		1	1	....	2	..	....	..	2	....	1	..	..	..	..	..	1	..	..	..	..	..
54. Anaemia, chlorosis	14	..	..	..	..	..	..	..	..	..	..	..	4	4	5	1	..		4	10	....	12	2	....	1	11	2	..	1	2	1	..	1	2	..	2	4	..	1
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	18	1	..	..	..	1	2	..	..	1	..	1	2	1	4	5	..		8	10	....	12	4	2	7	9	2	..	3	2	3	1	..	3	2	..	1	2	1
60. Encephalitis	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..		1	..	....	1	..	....	1	..	....	..	1	..	..	..	..	..	..	..	..	..	..
61. Meningitis	3	1	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..		2	1	....	3	..	....	3	..	....	..	1	1	1	..	..	..	..	..	..	..	..

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VICTORIA—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VII.—The Puerperal State.																																						
Group Total	2	....	..	..	..	..	..	..	..	....	..	1	1	..	..	..	..	....	2	....	2	....	....	....	2	....	1	..	1	..	..	..	..	..	..	..	..	..	..
136. Other accidents of labor	2	....	..	..	..	..	..	..	..	....	..	1	1	..	..	..	..	....	2	....	2	....	....	....	2	....	1	..	1	..	..	..	..	..	..	..	..	..	..
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	1	....	..	..	..	..	..	..	..	....	1	..	....	..	..	..	..	1	....	....	1	....	....	....	1	....	..	..	..	..	..	..	..	..	..	1	..	..
144. Acute abscess	1	....	..	..	..	..	..	..	..	..	1	..	....	..	..	..	..	1	....	....	1	....	....	....	1	....	..	..	..	..	..	..	..	..	..	1	..	..
X.—Congenital Malformations.																																						
Group Total	4	4	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	2	2	....	4	....	....	4	....	....	1	..	..	..	1	..	..	..	..	1	..	1
150. Congenital malformations (still-births not included)	4	4	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	2	2	....	4	....	....	4	....	....	1	..	..	..	1	..	..	..	..	1	..	1
XI.—Diseases of Early Infancy.																																						
Group Total	17	17	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	10	7	....	17	....	....	17	....	....	1	1	5	1	2	2	1	..	2	..	..	2
151. Congenital debility, icterus, and sclerema	12	12	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	7	5	....	12	....	....	12	....	....	..	..	3	1	1	2	1	..	2	..	..	2
152. Other diseases peculiar to early infancy	5	5	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	3	2	....	5	....	....	5	....	....	1	1	2	..	1	..	..	..	..	..	..	..
154. XII.—Old Age.																																						
Group Total	30	....	..	..	..	..	..	..	..	....	..	..	....	2	4	24	..	14	16	....	13	16	1	....	27	3	5	2	1	5	3	..	2	4	1	2	2	3
XIII.—Affections Produced by External Causes.																																						
Group Total	13	....	..	..	1	..	1	3	..	....	1	2	2	2	..	1	..	9	4	....	10	3	....	6	6	1	..	3	..	1	1	2	1	1	2	1	1	..
165. Other acute poisonings	2	....	..	..	..	..	..	..	..	....	1	..	1	..	..	..	..	....	2	....	2	....	....	....	2	....	..	..	..	..	1	..	..	1	..	..	..	..	..
167. Burns (conflagration excepted)	1	....	..	..	1	..	..	..	..	....	..	..	....	..	..	..	..	1	....	....	1	....	....	1	....	....	..	1	..	..	..	..	..	..	..	..	..	..	..

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CAUSES OF DEATH IN THE COUNTY OF WATERLOO, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**336**	**64**		**9**	**3**	**2**	**4**	**7**	**3**	**7**	**16**	**17**	**15**	**27**	**44**	**71**	**46**	**1**	**166**	**170**		**269**	**67**		**136**	**197**	**3**	**27**	**53**	**30**	**21**	**29**	**21**	**19**	**19**	**25**	**34**	**24**	**34**
I.—General Diseases.																																							
Group Total	84	9		2	1	2	2	3	2	4	12	7	5	10	14	8	3	.	40	44	. . . .	69	15	. .	33	50	1	8	21	10	4	5	4	6	7	7	7	2	3
1. Typhoid fever	1	.		.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	. . . .	1	.	. .	.	1	. .	.	.	.	.	.	.	.	1	.	.	.	.
6. Measles	5	3		.	1	.	.	.	.	.	1	.	.	.	.	.	.	.	1	4	. . . .	5	.	. .	5	.	. .	.	.	.	.	.	2	.	.	1	1	1
8. Whooping cough	4	2		1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	3	. . . .	4	.	. .	1	.	. .	.	.	.	.	.	.	.	2	1	1	1
9. Diphtheria and croup	1	.		.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	. . . .	1	.	. .	.	.	. .	.	.	.	.	.	.	.	.	.	.	.
10. Influenza	26	2		1	1	.	.	2	2	3	3	5	2	.	2	2	1	.	14	12	. . . .	22	4	. .	12	14	. .	2	13	6	2	1	.	.	.	2	.	.	.
14. Dysentery	1	.		.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	.	. . . .	1	.	. .	1	.	. .	.	.	.	.	.	.	.	.	1	.	.	.
18. Erysipelas	2	1		.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	1	. . . .	2	.	. .	2	.	. .	.	.	.	.	2	.	.	.	.	.	.
25. Mycoses	1	.		.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	. . . .	1	.	. .	.	1	. .	.	1	.	.	.	.	.	.	.	.	.	.
Total deaths from tuberculosis	13	1		.	.	.	.	.	.	.	7	1	1	3	.	.	.	.	6	7	. . . .	8	5	. . . .	4	9	. .	2	5	. .	1	1	2	1	.	. .	1	.	. .
28. Tuberculosis of the lungs	13	1		.	.	.	.	.	.	.	7	1	1	3	.	.	.	.	6	7	. . . .	8	5	. . .	4	9	. . .	2	5	. .	1	1	2	1	.	. .	1	.	. .
40. Cancer and other malignant tumors of the stomach, liver	5	.		.	.	.	.	.	.	.	.	.	.	.	4	1	.	.	2	3	. . . .	5	.	. .	.	5	. . .	.	.	.	.	.	1	. .	2	2	.	. .
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	6	.		.	.	.	.	.	.	.	.	.	.	2	3	. .	1	. .	4	2	. . . .	2	4	. . . .	.	6	. . . .	.	1	2	. .	.	1	1	1	.	. .	. .
42. Cancer and other malignant tumors of the female genital organs	2	.		.	.	.	.	.	.	.	.	.	.	.	.	2	. .	. .	.	2	. . . .	1	1	. . . .	.	2	. . . .	.	.	.	.	.	.	.	1	. .	1	. .	. .
43. Cancer and other malignant tumors of the breast	1	.		.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	. . . .	1	.	. .	.	1	. .	.	.	.	.	.	.	1	.	. .	.	.	. .
45. Cancer and other malignant tumors of other organs or of organs not specified	2	.		.	.	.	.	.	.	.	.	.	.	.	.	1	1	. .	1	1	. . . .	1	1	. . . .	.	2	. . . .	.	1	.	.	.	.	1	.	. .	.	. .
48. Chronic rheumatism and gout	2	.		.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	2	.	. . . .	2	.	. . . .	.	2	. . . .	.	.	.	.	.	.	1	1	. .	.	. .
50. Diabetes	3	.		.	.	.	.	.	.	.	1	.	.	1	.	1	.	.	1	2	. . . .	3	.	. . . .	1	1	1	1	.	.	.	.	.	.	.	.	2	.	. .
54. Anaemia, chlorosis	9	.		.	.	.	.	.	.	1	.	1	1	1	4	1	.	.	4	5	. . . .	9	.	. . . .	3	6	. . . .	3	. .	2	1	1	. .	1	1	. .	.	. .

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WATERLOO—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Geni-to-Urinary System and Annexa.																																						
Group Total	11	1							1		1				3	5		7	4		8	3		2	9		3	2		1	1		1	1		1	1	
119. Acute nephritis	1	1																1			1			1								1						
120. Bright's disease	8								1						2	5		5	3		6	2		1	7		3	2		1	1				1		
124 Diseases of the bladder	1														1			1				1			1								1				
131. Cysts and other tumors of the ovary	1												1						1		1				1										1		
VII.—The Puerperal State.																																						
Group Total	3										2	1							3		3				3			1			1						1
135. Puerperal haemorrhage	1										1								1		1				1			1									
136. Other accidents of labor	1										1								1		1				1						1						
137. Puerperal septicaemia	1											1							1		1				1												1
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1											1							1		1				1						1						
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1											1							1		1				1						1						
X.—Congenital Malformations.																																						
Group Total	7	6					1											5	2		7			7			1	1	1	2			1			1	
150. Congenital malformations (still-births not included)	7	6					1											5	2		7			7			1	1	1	2			1			1	
XI.—Diseases of Early Infancy.																																						
Group Total	34	34																17	17		34			34			3	4	2	2	4	3		2	1	3	4	6
151. Congenital debility, icterus, and sclerema	32	32																16	16		32			32			3	4	2	2	4	3		2	1	3	2	6
152. Other diseases peculiar to early infancy	2	2																1	1		?			2												2	
154. XII.—Old Age.																																						
Group Total	32													1	10	21		16	16		15	17		4	27	1	1	4	3	1	2	4	2	1	5	5	1	3

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CAUSES OF DEATH IN THE COUNTY OF WELLAND, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**466**	**108**	**13**	**10**	**11**	**4**	**20**	**8**	**8**	**32**	**42**	**21**	**34**	**39**	**68**	**45**	**3**	**240**	**226**		**353**	**99**	**14**	**245**	**209**	**12**	**34**	**96**	**60**	**41**	**32**	**21**	**34**	**35**	**39**	**24**	**31**	**19**
I.—General Diseases.																																					
Group Total	114	6	5	7	4	3	11	5	5	16	16	11	6	9	4	4	2	49	65	....	86	27	1	60	52	2	3	40	18	12	7	6	5	6	5	3	5	4
1. Typhoid fever	2	....	....	....	....	....	....	....	....	1	..	1	....	....	....	....	....	1	1	....	1	1	....	1	1	....	....	....	1	....	....	....	....	....	....	1	..
6. Measles	1	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
7. Scarlet fever	3	....	..	1	....	....	1	....	....	....	1	....	....	....	....	....	....	2	1	....	3	....	....	2	1	....	....	1	....	....	....	....	....	....	....	1	..	1
8. Whooping cough	4	2	..	1	1	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	4	....	....	4	....	....	....	2	..	2	....	....	....	....	....	....	....	....
9. Diphtheria and croup	13	....	1	2	..	1	5	3	1	....	....	....	....	....	....	....	....	7	6	....	10	3	....	13	....	....	1	2	1	1	2	1	3	..	1	....	1
10. Influenza	42	2	2	2	1	2	2	..	3	7	7	6	1	3	1	2	1	17	25	....	30	12	....	19	23	....	1	28	11	1	1	....	....	....	....	....	....	....
18. Erysipelas	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....
20. Purulent infection and septicaemia	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
Total deaths from tuberculosis	27	....	2	..	2	..	1	2	1	6	6	3	2	1	....	..	1	11	16	....	18	9	....	12	13	2	..	5	3	3	4	2	2	1	3	..	3	1
28. Tuberculosis of the lungs	21	....	....	....	1	..	..	1	1	5	6	3	2	1	....	..	1	7	14	....	14	7	....	6	13	2	..	5	..	2	3	2	2	1	3	..	2	1
30. Tuberculous meningitis	4	....	2	....	....	....	1	1	....	....	....	....	....	....	....	....	....	2	2	....	3	1	....	4	....	....	....	....	1	1	1	....	....	....	....	....	1	..
31. Abdominal tuberculosis	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
34. Tuberculosis of other organs	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
37. Syphilis	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	....	....	2	....	....	....	1	....	....	....	1	....	....	....	....	....	....
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	3	....	....	....	....	....	....	....	....	....	....	....	....	2	..	1	....	1	2	....	3	....	....	....	3	....	....	1	..	1	....	1	....	....	....	....	....	....
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	..
42. Cancer and other malignant tumors of the female genital organs	2	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	2	....	2	....	....	....	2	....	....	....	1	1	....	....	....	....	....	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
48. Chronic rheumatism and gout	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....
51. Exophthalmic goitre	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	2	....	2	....	....	....	2	....	....	....	....	....	....	....	....	1	....	....	....	1
52. Addison's disease	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....

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WELLAND—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	13												2	3	6	2		7	6		7	6		3	9	1	3	1	1	5	1					1	1	
120. Bright's disease	8												2	3	3			2	6		5	3		2	6		2	1		3					1	1	
122. Other diseases of the kidneys and annexa	1															1		1				1			1					1							
126. Diseases of the prostate	4													3	1			4			2	2		1	2	1	1		1	1							
VII.—The Puerperal State.																																						
Group Total	5									3	2								5		3	2		1	4			1	1		1	1		1				
137. Puerperal septicaemia	3									2	1								3		2	1		1	2			1	1				1				
138. Puerperal albuminuria and convulsions	2									1	1								2		1	1			2					1	1						
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	2	1												1				2			2			1	1				1			1					
142. Gangrene	1													1				1			1				1				1								
144. Acute abscess	1	1																1			1			1								1					
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	2	1					1											2			2			2			1			1							
146. Diseases of the bones (tuberculosis excepted)	2	1					1											2			2			2			1			1							
X.—Congenital Malformations.																																						
Group Total	9	8	1															7	2		9			9				3					1	2		1	2	
150. Congenital malformations (still-births not included)	9	8	1															7	2		9			9				3					1	2		1	2	
XI.—Diseases of Early Infancy.																																						
Group Total	49	49																29	20		49			49			9	8	4	2	2	2	3	6	7	3	2	1
151. Congenital debility, icterus, and sclerema	38	38																23	15		38			38			7	7	1	2	2	1	3	6	4	2	2	1
152. Other diseases peculiar to early infancy	11	11																6	5		11			11			2	1	3			1			3	1		
154. XII.—Old Age.																																						
Group Total	20													1	8	11		9	11		9	10	1	3	16	1	3	4	4	1			1	1	1	3	1	1

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	0-1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	558	75	6	4	2	4	7	10	9	35	33	33	45	85	105	97	8	302	256		415	120	23	197	333	28	58	66	64	52	60	46	39	40	33	39	26	35
I.—General Diseases.																																					
Group Total	144	6	1	..	..	1	1	7	5	20	14	16	14	29	15	12	3	81	63	..	118	21	5	51	89	4	9	28	17	11	16	11	15	8	9	6	6	8
4. Malaria	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
6. Measles	2	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	2	..	..	..	..	..	..	1	1	..	..	..	..	..	..
8. Whooping cough	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	3	..	..	3	..	..	..	..	..	..	1	..	1	..	..	..	..	1
9. Diphtheria and croup	4	..	..	..	..	..	1	2	..	1	..	..	..	..	..	..	..	3	1	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1
10. Influenza	39	3	..	..	..	..	1	3	6	4	5	4	4	4	4	1	23	16	..	32	7	..	14	24	1	4	19	7	3	1	1	1	1	1	1	..	..
18. Ersipelas	2	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	..	1	1	..	1	1	..	..	1	..	..	1	..	..	..	..	..	..	..
Total deaths from tuberculosis	24	..	..	..	..	..	..	1	1	8	4	4	2	3	..	..	1	19	5	..	18	5	1	15	9	..	2	2	2	2	3	1	6	1	1	2	..	2
28. Tuberculosis of the lungs	21	..	..	..	..	..	..	..	1	7	4	4	2	2	..	..	1	16	5	..	15	5	1	13	8	..	2	1	2	2	3	1	6	..	1	2	..	1
30. Tuberculous meningitis	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	3	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	2	1	..	1	2	..	..	3	..	..	1	..	..	1	..	..	1	..	..	..	..
41. Cancer and other malignant tumors of the stomach, liver	13	..	..	..	..	..	..	..	..	1	2	1	6	2	1	..	..	10	3	..	9	3	1	1	11	1	..	2	..	..	1	3	1	2	2	..	2	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	6	..	..	..	..	..	..	..	..	..	..	..	1	1	3	1	..	3	3	..	6	..	..	..	6	..	..	1	1	..	..	..	..	..	..	2	1	1
43. Cancer and other malignant tumors of the breast	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	2	..	1	..	1	1	1	..	..	..	..	..	..	1	..	1	..	..	..	..
44. Cancer and other malignant tumors of the skin	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	12	..	..	..	..	..	..	1	..	1	1	1	3	3	1	1	..	6	6	..	10	..	2	2	10	..	1	..	1	2	1	1	2	1	2	..	..	1
47. Acute articular rheumatism	4	..	..	..	..	..	..	1	..	1	2	..	..	..	..	..	..	1	3	..	3	1	..	2	2	..	..	..	1	2	..	1	..	..	1	..	..	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	1	..	2	..	..	1	..	1	..	..	..	..	1	..	..	1	..	..	..	..
50. Diabetes	9	..	..	..	..	..	..	..	1	2	..	..	2	1	1	2	..	3	6	..	9	..	..	3	5	1	..	2	2	..	1	1	1	..	..	..	1	1
51. Exophthalmic goitre	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	2	..	2	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..

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WELLINGTON—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
105. Diarrhoea and enteritis (2 years and over)	4			1		1									2			2	2		4			2	2		1								3		
108. Appendicitis and typhlitis	5									1			3	1				3	2		5			1	4			1	2		1			1			
109. Hernia, intestinal obstruction	5										2		2	1				3	2		3	2		2	3		1	1				2					1
110. Diseases of the intestines	1												1					1			1				1								1			
114. Biliary calculi	2											1		1					2		2				2				1							1
115. Other diseases of the liver	2													2					2		2				2					1	1					
116. Diseases of the spleen	1												1						1		1				1											
117. Simple peritonitis (non-puerperal)	2		1		1													1	1		2			2							1				1	
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																					
Group Total	21										1	3	2	6	3	3	3	15	6		14	4	3	2	18	1	4	6		1	1	3		1	1	2		2
119. Acute nephritis																																					
120. Bright's disease	12										1	2	2	2	2	1	2	7	5		8	2	2	1	10	1	2	3		1	1	1		1	2		1
122. Other diseases of the kidneys and annexa	2											1		1				2			1		1		2						1		1			
123. Calculi of the urinary passage	2													1			1	2			2				2			2								
124. Diseases of the bladder	2														1	1		2			1	1			2		1	1								
126. Diseases of the prostate	2													1		1		2			1	1		1	1		1				1					
131. Cysts and other tumors of the ovary	1													1					1		1				1											1
VII.—The Puerperal State.																																					
Group Total	6									3	3								6		5	1			5	1		2	2		1			1			
134. Accidents of pregnancy	1									1									1		1				1				1							
135. Puerperal haemorrhage	1										1								1		1				1				1							
136. Other accidents of labor	1									1									1		1				1			1								
137. Puerperal septicaemia	1										1								1		1				1			1								
138. Puerperal albuminuria and convulsions	2									1	1								2		1	1			1	1					1			1			
VIII.—Diseases of the Skin and of the Cellular Tissue.																																					
Group Total	3													2		1		1	2		1	2			3		1							1		1	
142. Gangrene	3													2		1		1	2		1	2			3		1							1		1	
IX.—Diseases of the Bones and of the Organs of Locomotion.																																					
Group Total	1						1												1		1			1										1			
146. Diseases of the bones (tuberculosis excepted)	1						1												1		1			1										1			

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.															Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	479	52	6	5	1		9	4	4	54	40	37	42	67	86	67	5	255	224		341	130	8	166	299	14	41	61	61	36	44	31	34	33	40	31	24	43
I.—General Diseases.																																						
Group Total	158	4	1	2	..	..	8	..	1	37	29	19	17	19	15	5	1	90	68	..	99	56	3	53	100	5	8	30	26	8	13	10	11	14	8	12	6	12
6. Measles	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
8. Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
9. Diphtheria and croup	6	..	..	1	..	..	5	..	..	..	..	..	..	1	..	..	..	..	5	1	..	6	..	..	..	6	..	..	..	..	1	..	2	..	..	1	..	..	2
10. Influenza	32	..	1	..	..	..	2	..	1	7	8	4	3	1	4	1	..	18	14	..	21	11	..	8	24	..	13	14	2	1	..	1	..	..	..	..	..	1
18. Erysipelas	3	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2	1	..	3	..	..	3	..	..	..	2	..	..	..	..	1	..	..	..	..	..
20. Purulent infection and septicaemia	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	1	..	1	..	1	..	1	1	1	..	1	..	..	..	..	..	..	..	..	..
Total deaths from tuberculosis	76	1	..	1	..	..	..	..	..	30	19	12	6	4	2	..	1	48	28	..	43	32	1	32	40	4	5	10	9	4	7	4	4	7	7	9	3	7
28. Tuberculosis of the lungs	76	1	..	1	..	..	..	..	..	30	19	12	6	4	2	..	1	48	28	..	43	32	1	32	40	4	5	10	9	4	7	4	4	7	7	9	3	7
37. Syphilis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	13	..	..	..	..	..	..	..	..	..	..	..	3	4	5	1	..	10	3	..	9	4	..	..	13	..	2	2	1	..	..	1	1	2	..	1	2	1
43. Cancer and other malignant tumors of the breast	3	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	3	..	2	1	..	..	3	..	..	..	..	..	..	2	..	..	1	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	7	..	..	..	..	..	..	..	..	..	..	..	2	1	4	..	..	3	4	..	4	3	..	1	6	..	..	2	..	..	..	1	3	..	..	1	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
48. Chronic rheumatism and gout	3	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	..	1	2	..	2	1	..	..	3	..	..	..	..	..	2	..	1	..	..	..	..	..
50. Diabetes	2	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	2	..	..	2	..	..	..	2	..	..	..	..	..	1	..	1	..	..	..	..	..
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
52. Addison's disease	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
53. Leuchaemia	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
54. Anaemia, chlorosis	4	..	..	..	..	..	..	..	..	..	1	1	1	..	1	..	..	..	4	..	2	2	..	..	4	..	..	..	1	..	2	..	..	1	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	68	1	..	2	..	..	1	..	1	7	3	7	5	16	9	16	..	31	37	..	49	17	2	15	53	..	8	7	12	6	7	5	3	5	6	1	3	5
61. Meningitis	2	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	2	..	..	..	..	1	..	..	..	..	..	..	1	..	..
63. Other diseases of the spinal cord	6	..	..	..	..	..	..	..	..	..	..	2	1	2	1	..	..	3	3	..	5	1	..	1	5	..	..	1	..	..	2	1	..	1	..	..	..	1

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WENTWORTH—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
124. Diseases of the bladder	2															2		2				1	1		1	1				1					1		
126. Diseases of the prostate	1														1			1				1			1		1											
VII.—The Puerperal State.																																						
Group Total	2									1	1							2			1	1			2		1								1			
137. Puerperal septicaemia	1										1							1			1				1		1											
138. Puerperal albuminuria and convulsions	1									1								1				1			1										1			
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	2											1				1		1	1		1	1		1	1				1									1
142. Gangrene	2											1				1		1	1		1	1		1	1				1									1
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	2												1			1		1	1		2				2						1							
147. Diseases of the joints (tuberculosis and rheumatism excepted)	2												1			1		1	1		2				2						1							
X.—Congenital Malformations.																																						
Group Total	5	5																4	1		5			5			1				1		1		1		1
150. Congenital malformations (still-births not included)	5	5																4	1		5			5			1				1		1		1		1
XI.—Diseases of Early Infancy.																																						
Group Total	26	26																17	9		26			26			7	3	4		3	2		2	2	1	2
151. Congenital debility, icterus and sclerema	24	24																15	9		24			24			6	3	3		3	2		2	2	1	2
152. Other diseases peculiar to early infancy	2	2																2			2			2			1		1								
154. XII.—Old Age.																																						
Group Total	56													6	28	22		23	33		35	21		8	43	5	8	5	5	7	9	2	2	4	2	2	3	7

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**1229**	**225**	**22**	**15**	**10**	**11**	**46**	**22**	**19**	**95**	**137**	**99**	**95**	**141**	**147**	**125**	**20**	**643**	**586**		**869**	**316**	**44**	**545**	**626**	**58**	**132**	**178**	**117**	**106**	**127**	**78**	**71**	**92**	**103**	**62**	**78**	**85**
I.—General Diseases.																																						
Group Total	487	33	8	5	4	6	36	13	14	71	89	63	44	55	27	12	7	232	255	....	333	140	14	212	245	30	48	95	49	36	58	33	22	28	33	26	32	27
1. Typhoid fever	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	....	1	....	....	1	..	....	..	..	..	..	..	..	..	..	1	..	..	..
5. Smallpox	6	1	..	..	..	..	..	..	..	1	2	..	1	..	1	..	..	2	4	....	6	....	....	1	5	....	3	1	..	1	1	..	..	..	..	..	..	..
6. Measles	3	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	3	..	....	3	....	....	3	..	....	..	..	..	1	1	..	..	1	..	..	..	..
7. Scarlet fever	7	..	..	2	2	1	1	1	..	..	..	..	..	..	..	..	..	2	5	....	7	....	....	7	..	....	..	3	..	..	1	..	1	..	1	..	..	1
8. Whooping cough	11	8	2	..	..	..	1	1	..	..	..	..	..	..	..	..	..	5	6	....	11	....	....	11	..	....	..	2	1	1	2	..	1	3	..	1	..	..
9. Diphtheria and croup	36	..	..	2	2	4	21	7	..	..	..	..	..	..	..	..	..	22	14	....	30	6	....	36	..	....	4	4	6	2	5	3	..	3	1	2	4	2
10. Influenza	93	14	..	..	..	..	4	2	3	14	22	13	8	10	2	1	..	43	50	....	74	18	1	36	53	4	6	63	10	..	5	1	..	1	1	3	2	1
14. Dysentery	4	1	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	2	2	....	3	....	1	1	3	....	..	..	..	..	2	..	..	..	..	1	1	..
18. Erysipelas	9	6	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	4	5	....	8	1	....	8	1	....	..	2	1	..	1	1	..	1	..	..	..	3
19. Other epidemic diseases	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	....	1	....	....	1	..	....	..	..	..	..	..	..	..	..	..	1	..	..
20. Purulent infection and septicaemia	3	1	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	2	1	....	2	1	....	2	1	....	..	..	..	..	1	..	..	1	..	1	..	..
Total deaths from tuberculosis	194	1	4	1	..	1	2	2	10	51	58	31	19	6	3	..	5	98	96	....	40	75	9	82	90	22	24	9	23	18	23	19	13	11	20	10	14	10
28. Tuberculosis of the lungs	178	..	2	1	..	..	1	2	10	48	55	27	18	6	3	..	5	90	88	....	97	72	9	73	85	20	22	7	18	17	23	18	13	9	19	10	13	9
30. Tuberculous meningitis	8	1	2	..	..	1	1	..	..	..	..	2	1	..	..	..	..	4	4	....	7	1	....	7	1	....	..	1	1	3	1	..	..	1	1	..	..	..
31. Abdominal tuberculosis	7	..	..	..	..	..	..	..	..	..	3	1	2	1	..	..	..	3	4	....	5	2	....	2	3	2	1	1	2	..	..	1	..	..	..	..	1	1
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	....	....	1	..	....	..	..	..	..	..	..	..	..	1	..	..	..	..
37. Syphilis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	..	..	1	1	..	....	..	..	..	..	..	..	..	..	..	1	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	4	..	..	..	..	..	..	..	..	..	..	..	1	3	..	..	..	3	1	....	3	1	..	..	4	....	1	..	..	1	..	..	..	..	1	1	..	..
40. Cancer and other malignant tumors of the stomach, liver	19	..	..	..	..	..	..	..	..	..	1	2	5	6	4	1	..	10	9	....	13	6	..	3	16	..	1	1	..	2	..	1	2	..	2	2	4	4
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	9	..	..	..	..	..	..	..	..	..	..	3	1	1	2	2	..	6	3	....	4	4	1	..	9	....	2	..	..	1	3	1	..	1	..	..	..	1
42. Cancer and other malignant tumors of the female genital organs	6	..	..	..	..	..	..	..	..	..	..	3	..	2	1	..	..	..	6	....	3	3	..	1	4	1	..	2	1	..	..	..	..	..	1	..	1	..	1
43. Cancer and other malignant tumors of the breast	9	..	..	..	..	..	..	..	..	..	1	2	3	1	2	..	..	..	9	....	7	2	..	1	8	....	..	..	1	3	..	1	..	2	1	..	1	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	27	..	..	..	..	..	1	..	..	..	3	2	2	11	5	3	..	11	16	....	16	11	..	3	22	2	3	2	1	4	6	3	1	1	1	1	1	3
46. Other tumors (tumors of the female genital organs excepted)	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	..	..	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..	..

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YORK—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
94. Pulmonary congestion, pulmonary apoplexy																																						
96. Asthma	5	1					1					1	1	1				4	1		3	2		2	2	1		2	1		1			1				
97. Pulmonary emphysema	1										1								1			1			1				1									
98. Other diseases of the respiratory system (tuberculosis excepted)	2			1												1		1	1		1	1		1	1						1			1				
V.—Diseases of the Digestive System.																																						
Group Total	81	39	5	3	1	2		3	1	2	2	3	6	5	5	3	1	46	35		69	9	3	62	18	1	9	9	5	5	6	2	4	9	15	7	3	7
99. Diseases of the mouth and annexa	2												1				1	1	1				2	1	1		1							1				
100. Diseases of the pharynx	4					1		2					1					3	1		3	1		4			4											
102. Ulcer of the stomach	3									1		1			1			3			3			2	1		1		1		1							
103. Other diseases of the stomach (cancer excepted)	4		1								1		1			1		2	2		2	2		1	3			1	1		1				1		
104. Diarrhoea and enteritis (under 2 years)	41	37	4															22	19		41			41			1	3	2	3	2		3	5	14	5	2	1
105. Diarrhoea and enteritis (2 years and over)	5			1		1					1	1				1		2	3		3	2		2	3		1				1			1		1		1
108. Appendicitis and typhlitis	3							1		1			1					2	1		2	1		3			1	1							1		1	
109. Hernia, intestinal obstructions	7			2	1								1	1	1	1		5	2		5	1	1	3	3	1		1		1	1			1		1		2
110. Diseases of the intestines	2	1												1					2		2			2										2				
111. Acute yellow atrophy of the liver	1													1				1			1				1					1							
113. Cirrhosis of the liver	2													1	1			2			2				2			1			1						
115. Other diseases of the liver	2	1											1					1	1		2			1	1												1
117. Simple peritonitis (non-puerperal)	5							1		1				2	1			2	3		3	2		2	3			2			1						1
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	31	1					1		1		2		4	13	6	3		20	11		18	12	1	6	25		4	3	1	2	2	3	3	5	2	3	1	2
119. Acute nephritis	1	1																	1		1			1					1									
120. Bright's disease	22						1		1		2		2	11	3	2		14	8		14	7	1	4	18		3	2		1	2	1	1	5	2	3	1	1
122. Other diseases of the kidneys and annexa	1												1					1			1			1			1											
124. Diseases of the bladder	4													1	3			2	2		1	3		4				1			2	1					
126. Diseases of the prostate	3												1	1		1		3			1	2		2						1		1					1
VII.—The Puerperal State.																																						
Group Total	11									3	8								11		6	4	1	2	9			2	1	1	1	2		1		1	1	1
134. Accidents of pregnancy	2									1	1								2		1		1		2				1			1						
135. Puerperal haemorrhage	1										1								1			1			1										1			
136. Other accidents of labor	1										1								1		1				1			1										
137. Puerperal septicaemia	5									2	3								5		4	1		2	3			1		1	1	1						1
138. Puerperal albuminuria and convulsions	1										1								1			1			1								1					
140. Following childbirth (not otherwise defined	1										1								1			1			1											1		

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YORK—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
(a) Railroad	4									1	3							4			2	1	1	2	1	1							1			2	1
(b) Street car																		1			1			1				1									
(c) Automobile	1				1																																
(d) Other crushing																																					
185. Fractures (cause not specified)	5										1				3	1		3	2		3	2			5			1	1			1			1	1	
186. Other external violence	2				1			1										2			2			2			1			1						
XIV.—Ill-Defined Diseases.																																					
Group Total	8									1		2	1	1	2		1	5	3		4	3	1	2	5	1	2	1	1	2			1			1	
187. Ill-defined organic disease	3											1		1		1		2	1		1	2		1	2		2			1							
189. Cause of death not specified or ill-defined	5									1		1		1	1		1	3	2		3	1	1	1	3	1		1	1	1		1				1	
Still-Births.																																					
Not included in totals	106	106																63	43		106			106			7	12	11	14	6	12	8	10	7	6	10	3

CAUSES OF DEATH IN THE CITY OF BELLEVILLE, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	238	45	5	3	1	4	12	5	9	9	9	13	18	29	40	35	1	126	112		205	32	1	106	128	4	19	35	23	18	13	21	17	15	19	24	18	16
I.—General Diseases.																																						
Group Total	64	3	1	1	1	1	8	2	7	5	5	5	8	8	8	1	..	31	33	....	56	8	....	32	31	1	8	12	5	5	3	6	4	2	5	6	3	5
1. Typhoid fever	3	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	1	2	....	3	..	....	3	..	..	..	..	..	..	..	..	1	..	..	1	..	1
6. Measles	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
8. Whooping cough	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	....	3	..	....	3	..	..	..	..	..	..	..	..	..	2	..	..	..	..
9. Diphtheria and croup	8	..	..	1	1	1	4	1	..	..	..	..	..	..	..	..	..	4	4	....	8	..	....	8	..	..	..	..	..	..	..	..	..	..	..	..	..	1
10. Influenza	10	..	..	..	..	..	..	..	2	2	..	2	1	1	2	..	..	5	5	....	10	..	....	5	5	....	1	8	1	..	..	..	..	..	1	..	..	..
20. Purulent infection and septicaemia	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	..	1	....	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
Total deaths from tuberculosis	14	..	..	..	..	..	1	..	3	3	3	..	1	2	1	..	..	7	7	....	11	3	....	7	6	1	2	..	1	2	1	3	..	..	2	2	1	..
28. Tuberculosis of the lungs	12	..	..	..	..	..	..	..	3	3	3	..	1	2	..	..	..	6	6	....	10	2	....	6	5	1	2	..	1	2	1	3	..	..	1	1	1	..
29. Acute miliary tuberculosis	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
36. Rickets	2	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	....	2	..	....	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	..	....	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	3	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	2	1	....	2	1	....	1	2	....	1	1	1	..	..	..	..	..	..	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	4	..	..	..	..	..	..	..	..	..	..	2	1	..	1	..	..	2	2	....	3	1	....	..	4	....	..	..	..	..	..	1	..	..	1	..	1	1
42. Cancer and other malignant tumors of the female genital organs	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	..	1
43. Cancer and other malignant tumors of the breast	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2	....	2	..	....	..	2	....	1	..	..	..	..	..	..	..	..	..	1	..
45. Cancer and other malignant tumors of other organs or of organs not specified	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..
48. Chronic rheumatism and gout	3	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	3	....	1	2	....	1	2	....	..	..	..	..	..	1	1	..	..	1	..	..
50. Diabetes	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..
52. Addison's disease	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	....	..	1	....	1	..	..	..	..	..	..	..	..	..	..	..
54. Anaemia, chlorosis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	..	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..
55. Other general diseases	2	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	2	..	....	2	..	....	1	1	....	..	..	..	..	..	..	1	1	..	..	..	..

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	25	3	1	1			2			2		1		5	6	4		11	14		22	3		8	16	1	3	3	1	4	1	1	1	3	2	2	2	2
61. Meningitis	1						1											1			1			1						1								
63. Other diseases of the spinal cord	1	1																	1		1			1										1				
64. Cerebral haemorrhage, apoplexy	11											1		3	3	4		5	6		9	2			11		1	1	1	1	1	1	1		1	1	1
66. Paralysis without specified cause	3													1	2			2	1	2	1			2	1	2	1										
68. Other forms of mental alienation	1									1									1		1			1												1	
69. Epilepsy	2						1			1									2		2			1	1									1		1	
71. Convulsions of infants	4	2	1	1														2	2		4			4			1			1			1				1
73. Neuralgia and neuritis	1													1					1		1				1									1			
74. Other diseases of the nervous system	1														1			1			1				1												
III.—Diseases of the Circulatory System																																						
Group Total	32						1			1	1	1	3	6	11	8		17	15		25	7		2	30		2	2	4	1		7		2	3	6	3	2
78. Acute endocarditis	1										1								1			1			1										1		
79. Organic diseases of the heart	24									1		1	1	5	9	7		11	13		20	4		1	23		2	2	4			4		2	2	4	3	1
81. Diseases of the arteries, atheroma, aneurism, etc.	4													1		2	1	3	1		3	1			4							1			1		1
82. Embolism and thrombosis	2													1	1			2			2				2					1		1					
85. Haemorrhage; other diseases of the circulatory system	1							1										1				1		1								1					
IV.—Diseases of the Respiratory System																																						
Group Total	28	8	1	1		2				1	2		2	4	4	3		15	13		28			15	13		2	6		3	5	3	2			1		6
87. Diseases of the larynx	1					1												1			1			1											1		
89. Acute bronchitis	7	5				1				1								3	4		7			6	1		1	3			2	1					
90. Chronic bronchitis	2														1	1			2		2				2							2					
91. Broncho-pneumonia	5	3	1										1					4	1		5			4	1		1	2		1							1
92. Pneumonia	10			1							2		1	1	3	2		6	4		10			4	6			1		2	3	1					3
96. Asthma	3													3				1	2		3				3							1					2
V.—Diseases of the Digestive System																																						
Group Total	18	7					1					4		3	2	1		11	7		15	3		9	8	1		2	3		1		4	2	3	3		
103. Other diseases of the stomach (cancer excepted)	2											1			1			1	1		1	1			1	1				1			1				
104. Diarrhoea and enteritis (under 2 years)	7	7																4	3		7			7				1	1		1			1	3		
108. Appendicitis and typhlitis	2						1					1						2			1	1		1	1								1	1			
109. Hernia, intestinal obstructions	5											2		1	1	1		3	2		4	1		1	4				1			2	1	1			
110. Diseases of the intestines	1													1				1			1				1			1									
116. Diseases of the spleen	1													1					1		1				1					1							

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BELLEVILLE—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	10	....	1	..	..	1	2	1	..	....	1	..	2	1	..	..	1	7	3	....	8	1	1	6	3	1	..	1	..	1	..	1	1	2	..	2	2	..
165. Other acute poisonings	1	....	1	..	..	..	..	..	..	....	..	..	....	..	..	..	..	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....
167. Burns (conflagration excepted)	2	....	..	..	..	1	1	..	..	....	..	..	....	..	..	..	..	....	2	....	2	....	....	2	....	....	....	....	....	1	....	....	....	....	....	1	....	....
172. Traumatism by fall	1	....	..	..	..	..	..	..	..	....	..	..	1	..	..	..	..	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....
175. Traumatism by other crushing	3	....	..	..	..	..	..	..	..	....	..	..	1	1	..	..	1	3	....	....	2	....	1	....	2	1	....	....	....	....	....	....	1	....	....	....	2	..
(a) Railroad	3	....	..	..	..	..	..	..	..	....	..	..	1	1	..	..	1	3	....	....	2	....	1	....	2	1	....	....	....	....	....	....	1	....	....	....	2	..
(b) Street car	....	....	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
(c) Automobile	....	....	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
(d) Other crushing	....	....	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
186. Other external violence	3	....	..	..	..	..	1	1	..	....	1	..	....	..	..	..	..	3	....	....	2	1	....	3	....	....	....	....	1	....	....	1	....	1	....	....	....	....
XIV.—Ill-Defined Diseases.																																					
Group Total	1	....	1	..	..	..	..	..	..	....	..	..	....	..	..	..	..	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
189. Cause of death not specified or ill-defined	1	....	1	..	..	..	..	..	..	....	..	..	....	..	..	..	..	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Still-Births.																																					
Not included in totals	11	11	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	9	2	....	11	....	....	11	....	....	....	....	2	1	1	2	1	1	1	..	1

CAUSES OF DEATH IN THE CITY OF BRANTFORD, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	13	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	405	79	9	6	1	4	8	9	6	28	33	30	47	59	53	31	2	185	220		295	107	3	156	213	36	43	71	31	37	39	25	23	19	32	30	27	28
1.—General Diseases.																																						
Group Total	99	4	6	2	..	1	6	3	1	15	14	14	15	9	8	1	..	40	59	....	75	24	...	33	58	8	12	22	7	8	14	10	4	2	5	6	5	4
1. Typhoid fever	2											2						1	1	....	2			1	1	....										1	..	1
5. Smallpox	1	1																1		....	1																	
6. Measles	3		2				1											2	1	....	3			3				1							1		1
8. Whooping cough	2	2																2		....	2			2							1				1		
9. Diphtheria and croup	8			1		4	1				1		1					3	5	....	8			6	2	....		1		1		1	2		2		1
10. Influenza	29	1	2							8	9	3	2	1	2	1	..	17	12	....	19	10	..	4	22	3	1	16	5	5		1				1		
18. Erysipelas	1												1						1	....	1				1		1										
19. Other epidemic diseases	1											1						1		....	1				1						1						
20. Purulent infection and septicaemia	1							1										1		....	1			1												1	
Total deaths from tuberculosis	21		2	1	..	1	1	1	1	5	3	2	2	1	1		..	5	16	....	16	5	....	11	9	1	4		2	1	6	3	1			3		1
28. Tuberculosis of the lungs	15						1		1	5	3	2	2	1				4	11	....	12	3	....	6	8	1	2		2		5	2				3		1
30. Tuberculous meningitis	5		2	1		1		1										1	4	....	4	1	....	5			2			1		1	1				
34. Tuberculosis of other organs	1														1				1	....		1	....		1						1						
40. Cancer and other malignant tumors of the stomach, liver	7											1	1	3	2			2	5	....	5	2	....	1	6	..	2	1			1				1		2	
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	1													1					1	....		1	....		1							1					
42. Cancer and other malignant tumors of the female genital organs	4											2	2						4	....	2	2	....	1	3					1	2			1			
43. Cancer and other malignant tumors of the breast	2												2						2	....	2		....		1	1					1		1				
45. Cancer and other malignant tumors of other organs or of organs not specified	3												1	1	1			1	2	....	1	2	....	1	2		2					1						
47. Acute articular rheumatism	1									1									1	....	1		....		1			1									
48. Chronic rheumatism and gout	3									1				2				2	1	....	2	1	....		3											2	
50. Diabetes	1												1					1		....	1		....		1						1						
51. Exophthalmic goitre	2											2						1	1	....	2		....		2			1				1					
53. Leuchaemia	1												1					1		....	1		....			1								1			
54. Anaemia, chlorosis	4											1	1		2			1	3	....	3	1	....		2	2	1	1			1		1				
56. Alcoholism (acute or chronic)	1										1							1		....	1		....	1							1						

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	35	5	..	1	..	1	..	2	..	1	1	1	4	9	10	..	..	17	18	....	25	10	....	12	21	2	6	7	4	4	4	2	1	..	2	3	..	2
60. Encephalitis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
61. Meningitis	4	1	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	2	2	..	2	2	..	4	..	..	..	2	1	..	..	..	..	..	..	..	..	1
62. Locomotor ataxia	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
64. Cerebral haemorrhage, apoplexy	19	..	..	..	..	..	..	..	..	..	..	..	3	7	9	..	..	11	8	..	14	5	..	2	16	1	4	2	3	3	3	1	1	..	2	..	..	..
68. Other forms of mental alienation	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
70. Convulsions (non-puerperal)	2	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	1	..	..	..	..	1	..	..	..	..	..	..
71. Convulsions of infants	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	4	..	..	4	..	..	..	2	..	1	1	..	..	..	..	..	..	..
74. Other diseases of the nervous system	2	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	..	1	1	..	..	2	..	1	1	..	..	..	..	..	..	..	..	..	..	..
III.—Diseases of the Circulatory System																																						
Group Total	68	..	..	..	1	..	..	2	1	2	1	4	10	23	18	6	..	35	33	....	39	28	1	8	53	7	8	8	11	6	3	4	3	6	2	2	7	8
78. Acute endocarditis	5	..	..	..	..	..	..	..	1	1	..	1	..	1	1	..	..	3	2	..	2	3	..	3	1	1	1	1	1	..	..	..	..	..	..	..	1	1
79. Organic diseases of the heart	34	..	..	..	1	..	..	..	..	..	..	..	3	8	13	8	1	..	15	19	..	19	14	1	3	29	2	1	5	5	4	2	1	1	4	2	1	3	5
80. Angina pectoris	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
81. Diseases of the arteries, atheroma, aneurism, etc.	25	..	..	..	..	..	..	..	..	..	..	1	1	8	10	5	..	14	11	..	16	9	..	1	20	4	6	1	5	2	1	3	2	1	..	1	3	..
82. Embolism and thrombosis	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
85. Haemorrhage; other diseases of the circulatory system	2	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	1	1	..	..	2	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1
IV.—Diseases of the Respiratory System																																						
Group Total	47	11	3	1	..	..	..	..	..	..	7	1	7	9	3	4	1	19	28	....	38	9	....	20	24	3	5	13	..	6	6	1	3	1	2	3	3	4
89. Acute bronchitis	4	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	2	..	3	1	..	3	1	..	1	2	..	..	..	..	..	1	..	..	..	..
90. Chronic bronchitis	4	..	1	..	..	..	..	..	..	..	..	..	2	..	1	..	..	..	4	..	3	1	..	3	1	..	..	..	..	..	..	..	1	..	1	..	..	2
91. Broncho-pneumonia	9	3	1	1	..	..	..	..	..	..	..	..	..	..	..	1	..	3	3	..	6	..	..	5	1	..	1	1	..	1	1	..	..	..	1	1	..
92. Pneumonia	27	5	1	..	..	..	..	..	..	..	5	1	4	7	1	2	1	11	16	....	21	6	....	8	16	3	2	8	..	4	5	1	2	..	1	2	1	1
93. Pleurisy	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
94. Pulmonary congestion, pulmonary apoplexy	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
96. Asthma	3	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	1	2	..	3	..	..	1	2	..	1	2	..	..	..	..	..	..	..	..	..	..
98. Other diseases of the respiratory system (tuberculosis excepted)	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..
V.—Diseases of the Digestive System.																																						
Group Total	29	10	..	1	..	1	..	..	1	2	2	5	3	3	1	..	..	12	17	....	24	4	1	16	12	1	2	1	4	1	3	..	3	..	4	6	4	1
100. Diseases of the pharynx	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
102. Ulcer of the stomach	3	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	2	1	..	1	1	1	1	1	1	..	..	..	1	1	..	..	..	..	..	1	..
104. Diarrhoea and enteritis (under 2 years)	10	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	6	....	10	..	..	10	..	..	1	..	1	..	1	..	2	..	2	2	1	..

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BRANTFORD—Concluded

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																					
Group Total	21			1		1	1		2	5	3	2	1	1	2	1	1	14		7	11	9	1	10	5	6	2	1		2	1	2	2	1	3	3	3	1
157. Suicide by hanging or strangulation	1										1							1			1					1				1					1	1	
167. Burns (conflagration excepted)	3					1				2								1	2			3		2		1				1							
169. Accidental drowning	3			1					2									1	2		3			3								1	2					
175. Traumatism by other crushing	1														1			1			1				1						1						
(a) Railroad																																					
(b) Street car																																					
(c) Automobile																																					
(d) Other crushing	1														1			1			1				1						1			1	1	1	1	
185 Fractures (cause not specified)	7						1				1	2			1	1	1	5	2		4	3		3	2	2	2	1					1	1	1	2	1
186. Other external violence	6									3	1		1	1				5	1		2	3	1	2	2	2					1			1	1	2	1
XIV.—Ill-Defined Diseases.																																					
Group Total	8	1						1		1		1	2	2				5	3		7	1		3	4	1	3	1	1		2				1			
189. Cause of death not specified or ill-defined	8	1						1		1	1	1	2	2				5	3		7	1		3	4	1	3	1	1		2				1			
Still-Births.																																					
Not included in totals	37	37																26	11		37			37			2	5	2	5	1	1	3	4	4	3	7	

CAUSES OF DEATH IN THE CITY OF CHATHAM, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	263	40		7	3	2	1	4	8	5	16	21	16	30	39	48	23		132	131		196	67		100	159	4	20	32	25	18	31	15	20	11	24	19	16	32
I.—General Diseases.																																						
Group Total	82	7	3	2		1	4	2	2	6	9	11	12	10	11	2		30	43		65	17		35	44	3	4	12	9	5	7	3	8	2	7	7	11
1. Typhoid fever	3										1	1		1					3			3			2	1			1									2
6. Measles	2		1				1												2			2			2												
8. Whooping cough	6	5		1															3	3		6			6					1			2				
9. Diphtheria and croup	3		1			1	1												2	1		3			3										1	1	3
10. Influenza	14		1								2	5	2	3		1			6	8		12	2		5	9		1	6	3	1	1		1		1		1
18. Erysipelas	1	1																		1		1			1							1				1		
20. Purulent infection and septicaemia	3	1							1							1			2	1		1	2		2	1						1					1	1
Total deaths from tuberculosis	13						1		1	3	1	3		4					9	4		10	3		4	8	1	1	3	1	1	1	2	1			3	
28. Tuberculosis of the lungs	13						1		1	3	1	3		4					9	4		10	3		4	8	1	1	3	1	1	1	2	1			3	
37. Syphilis	1											1								1		1				1												
40. Cancer and other malignant tumors of the stomach, liver	6													1	2	3			4	2		5	1			4	2				1	1	1	1		1		1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	8												1	2	1	3	1		3	5		4	4		1	7				2		1		1		2	2	
42. Cancer and other malignant tumors of the female genital organs	2											1				1				2		1	1			2					1					1		
43. Cancer and other malignant tumors of the breast	1													1						1		1				1		1										
44. Cancer and other malignant tumors of the skin	1															1				1			1			1												
45. Cancer and other malignant tumors of other organs or of organs not specified	6												1	2	2	1			1	5		5	1		1	5				2				1	3			
47. Acute articular rheumatism	5						1	1	1		1		1						2	3		5			3	2					1		2			1	1
48. Chronic rheumatism and gout	1															1				1			1			1											1
50. Diabetes	3			1								1		1					2	1		3			2	1			1		1					1		
51. Exophthalmic goitre	1											1								1		1			1				1									
56. Alcoholism (acute or chronic)	2											1		1					2			1	1		2									1				1

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
11.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	28		1					1				1	3	10	7	5		12	16		18	10		3	25		3	3	3		2	1	4	2	1	3	1	5
60. Encephalitis	1													1				1			1				1							1						
61. Meningitis	1		1															1			1			1					1								
62. Locomotor ataxia	4												1	3				1	3		2	2		1	3				1		1			1	1		
63. Other diseases of the spinal cord	1						1											1				1		1											1		
64. Cerebral haemorrhage, apoplexy	12											1		5	2	4		4	8		9	3			12		2	1			1	1	2		1	1	3
66. Paralysis without specified cause	5														4	1		1	4		2	3			5		1		1		1		1				1
68. Other forms of mental alienation	1														1				1		1				1			1									
69. Epilepsy	1												1					1				1			1							1					
73. Neuralgia and neuritis	1												1					1			1				1			1									
74. Other diseases of the nervous system	1													1				1			1				1												1
111.—Diseases of the Circulatory System																																						
Group Total	36							1		1	1		6	6	16	5		14	22		21	15		6	30		4	6	3	6	4	4	2	1	3			3
78. Acute endocarditis	3							1			1		1					1	2		3			1	2				1			1			1		
79. Organic diseases of the heart	19									1			3	3	9	3		6	13		11	8		4	15		2	1		4	3	2	2	1	2			2
80. Angina pectoris	1														1				1			1			1												
81. Diseases of the arteries, atheroma, aneurism, etc.	12												1	3	6	2		6	6		6	6		1	11		1	4	2	2	1	1					1
85. Haemorrhage; other diseases of the circulatory system	1												1					1			1				1			1									
IV.—Diseases of the Respiratory System																																						
Group Total	24	2		1						3	2	2	3	5	5	1		16	8		19	5		7	17		4	4	3		4	3			2	1		3
89. Acute bronchitis	1												1						1		1				1		1										
90. Chronic bronchitis	4														3	1		1	3		2	2		1	3						2	1					1
91. Broncho-pneumonia	4	1		1							1			1				4			4			2	2						2	2					
92. Pneumonia	11									2	1		2	4	2			9	2		8	3		3	8		3	3	2						1		2
96. Asthma	3									1		2						1	2		3				3			1	1					1			
98. Other diseases of the respiratory system (tuberculosis excepted)	1	1																1			1			1										1			
V.—Diseases of the Digestive System																																						
Group Total	30	8	2		2			3	2	2	4	1	1	3	1	1		15	15		22	8		18	12		3	4	1		3		3	1	8	3	1	3
100. Diseases of the pharynx	1									1									1		1				1			1									
102. Ulcer of the stomach	1										1								1			1			1							1					
103. Other diseases of the stomach (cancer excepted)	4									1				3				1	3		1	3			4		1	1			1						1
104. Diarrhoea and enteritis (under 2 years)	8	7	1															5	3		7	1		8				1	1	1		1		3	1		

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CHATHAM—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes																																						
Group Total	9		1					2		3	2				1			6	3		7	2		5	3	1			1		2			2	1		2	1
167. Burns (conflagration excepted)	2									2								2			1	1		1	1				1								1	
169. Accidental drowning	3							2		1									3		3			3						2							1	
172. Traumatism by fall	1											1						1				1				1												1
175. Traumatism by other crushing	1		1															1			1			1										1				
(a) Railroad																																						
(b) Street car																																						
(c) Automobile	1		1															1			1			1										1				
(d) Other crushing																																						
181. Electricity (lightning excepted)	1										1							1			1				1									1				
185. Fractures (cause not specified)	1														1			1			1				1									1				
XIV.—Ill-Defined Diseases.																																						
Group Total	6											1	2	3				3	3		6			1	5		1	2	1	1	1							
187. Ill-defined organic disease	1													1					1		1				1			1									
189. Cause of death not specified or ill-defined	5											1	2	2				3	2		5			1	4		1	1	1	1	1							
Still-Births.																																						
Not included in totals	16	16																11	5		16			16			1	5	2	1	1	1		3	1		1	

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**341**	**114**	**17**	**8**	**5**	**4**	**17**	**9**	**7**	**23**	**53**	**25**	**16**	**20**	**15**	**7**	**1**	**190**	**151**		**229**	**103**	**9**	**215**	**116**	**10**	**13**	**67**	**34**	**30**	**24**	**20**	**27**	**31**	**29**	**25**	**18**	**23**
I.—General Diseases.																																					
Group Total	113	12	6	6	3	1	8	5	5	11	25	13	9	6	1	2	..	64	49	....	67	43	3	59	49	5	3	46	17	6	7	1	5	6	4	2	6	10
1. Typhoid fever	1	..	..	..	..	..	..	..	..	....	1	..	..	..	..	..	..	1	....	....	....	1	....	1	....	....	1	..	..	..	..	..	..	..	..	..	..	..
5. Smallpox	1	1	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	..	..	..	..	..	1	..	..	..	..
6. Measles	9	2	6	1	..	..	..	..	..	....	..	..	..	..	..	..	..	4	5	....	9	....	....	9	....	....	..	..	..	..	..	..	2	2	..	..	1	4
7. Scarlet fever	8	1	..	3	2	..	2	..	..	....	..	..	..	..	..	..	..	4	4	....	8	....	....	8	....	....	1	3	2	..	1	..	..	..	..	..	..	1
8. Whooping cough	5	4	..	1	..	..	..	..	..	....	..	..	..	..	..	..	..	2	3	....	5	....	....	5	....	....	..	1	..	..	..	..	..	..	2	..	1	1
9. Diphtheria and croup	1	..	..	..	..	..	..	..	..	....	..	..	1	..	..	..	..	1	....	....	....	1	....	....	1	....	....	..	..	1	..	..	..	..	..	..	..	..	..
10. Influenza	46	3	..	..	1	1	3	1	5	6	17	4	4	..	..	1	..	24	22	....	21	24	1	18	24	4	..	..	39	3	1	2	..	..	..	..	..	1
14. Dysentery	2	..	..	..	..	..	..	..	..	....	..	..	..	1	1	..	..	1	1	....	1	1	....	1	1	....	..	..	..	..	..	..	1	..	..	1	..	..
20. Purulent infection and septicaemia	4	1	..	..	..	..	1	..	..	....	..	1	....	1	..	..	..	4	....	....	3	1	....	2	2	....	..	..	1	..	1	..	1	..	..	..	1	..
Total deaths from tuberculosis	12	....	....	1	....	1	2	..	....	3	4	..	1	....	....	....	....	8	4	....	5	7	....	7	4	1	1	..	4	2	..	1	1	1	..	..	..	2
28. Tuberculosis of the lungs	8	....	....	....	....	....	1	1	....	3	2	..	1	....	....	....	....	6	2	....	3	5	....	4	3	1	....	..	4	2	..	1	..	..	..	..	..	1
29. Acute miliary tuberculosis	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
30. Tuberculous meningitis	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
31. Abdominal tuberculosis	2	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	1	1	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	1
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	1	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	2	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	2	....	....	1	....	1	1	1	....	....	....	....	....	1	....	....	....	....	....	....	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	4	....	....	....	....	....	....	....	....	....	....	2	....	2	....	....	....	2	2	....	2	2	....	....	4	....	....	....	....	1	....	....	1	1	....	1	....
43. Cancer and other malignant tumors of the breast	2	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	2	....	2	....	....	....	2	....	....	....	....	....	1	....	....	....	1	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	4	....	....	....	....	....	....	....	....	1	..	1	1	1	....	....	....	3	1	....	1	2	1	1	3	....	....	....	1	2	....	....	1	....	....	....	....	....
47. Acute articular rheumatism	3	....	....	....	....	....	....	2	....	1	....	....	....	....	....	....	....	2	1	....	2	1	....	2	1	....	....	2	....	....	....	....	....	....	....	....	1	..
48. Chronic rheumatism and gout	2	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	1	1	....	1	1	....	1	1	....	....	1	1	....	....	....	....	....	....	....	....	....
50. Diabetes	3	....	....	....	....	....	1	....	....	....	1	1	....	....	....	....	....	1	2	....	2	1	....	1	2	....	....	....	2	....	....	....	....	....	....	1	....	....
51. Exophthalmic goitre	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	..
54. Anaemia, chlorosis	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
56. Alcoholism (acute or chronic)	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....

FORT WILLIAM—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	16	4					1		1		3		1	4	2			12	4		7	7	2	8	7	1	2	1		1		2	2	1	2	2		3
60. Encephalitis	1										1							1				1			1													1
61. Meningitis	4	2					1		1									2	2		3	1		4			1					1	1					1
64. Cerebral haemorrhage, apoplexy	6												1	4	1			4	2		1	3	2	1	4	1	1	1		1		1		1				1
66. Paralysis without specified cause	1														1			1			1				1											1		
69. Epilepsy	1										1							1				1		1										1			
71. Convulsions of infants	2	2																2			2			2								1			1		
76. Diseases of the ears	1										1							1				1			1									1			
III.—Diseases of the Circulatory System																																						
Group Total	26				1		1			2	1	4	2	5	8	2		18	8		11	14	1	9	15	2	2	3	2	7	1	1	3	1	1	4		1
79. Organic diseases of the heart	15									1		2	2	3	5	2		9	6		6	9		4	10	1	2	2	1	3	1	1	2	1		2		
81. Diseases of the arteries, atheroma, aneurism, etc.	5											1		2	2			5			1	4		1	3	1			1	2			1		1		
82. Embolism and thrombosis	3									1	1	1						2	1		1	1	1	2	1					1				1	1		
84. Diseases of the lymphatic system (lymphangitis, etc.)	2				1		1											1	1		2			2				1									1
85. Haemorrhage; other diseases of the circulatory system	1														1			1			1				1						1						
IV.—Diseases of the Respiratory System																																						
Group Total	29	8	4	2			3	1		1	6		1	1	1	1		20	9		17	10	2	21	6	2	3	6	2	5	5		1			2	2	3
89. Acute bronchitis	2	2																	2		2			2				1							1		
91. Broncho-pneumonia	6	2	3				1											3	3		5	1		6			1	1	1	2	1						
92. Pneumonia	20	4		2			2	1		1	6		1	1	1	1		16	4		10	8	2	12	6	2	2	4	1	3	4		1			2	3
94. Pulmonary congestion, pulmonary apoplexy	1		1															1				1		1											1		
V.—Diseases of the Digestive System.																																						
Group Total	64	41	7		1	2	2	2	1	2	1	2	1	1	1			29	35		59	5		58	6		3	3	4	5	2	5	5	13	14	7	2	1
99. Diseases of the mouth and annexa	2											1		1					2		1	1			2		1					1						
103. Other diseases of the stomach (cancer excepted)	1														1				1		1				1				1								
104. Diarrhoea and enteritis (under 2 years)	47	40	7															21	26		47			47			2		1	5	2	2	5	11	12	5	2	
105. Diarrhoea and enteritis (2 years and over)	5				1	2	2											3	2		5			5								1	2	1	1			
108. Appendicitis and typhlitis	4							2		1		1						2	2		2	2		3	1			1				1				1		1
109. Hernia, intestinal obstructions	2	1							1									2			2			2				1						1			
110. Diseases of the intestines	1									1								1				1		1					1								
115. Other diseases of the liver	1										1								1		1				1			1									
117. Simple peritonitis (non-puerperal)	1												1						1			1			1												

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FORT WILLIAM—Concluded.

Number of Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
168. Absorption of deleterious gases (conflagration excepted)	1										1							1				1			1													
169. Accidental drowning	6						1			2	2	1						5	1		4	1	1	5	1						1	1	1		1	2		
172. Traumatism by fall	1							1										1			1			1												1		
173. Traumatism in mines and quarries	1										1							1			1				1											1		
175. Traumatism by other crushing	4									1	1	2						4				4		1	3					1		2		1			
(a) Railroad	2										1	1						2				2			2					1				1			
(b) Street car																																						
(c) Automobile	1											1						1				1			1													
(d) Other crushing	1									1								1				1		1										1				
185. Fractures (cause not specified)	1												1					1			1													1				
186. Other external violence	1										1								1			1			1										1			
STILL-BIRTHS.																																						
Not included in totals	36	36																24	12		36			36			2	2	1	3	1	5	1	4	5	5	3	4

CAUSES OF DEATH IN THE CITY OF GALT, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**156**	**25**	**3**	**1**			**8**	**1**	**1**	**10**	**13**	**16**	**11**	**22**	**28**	**17**		**84**	**72**		**104**	**52**		**61**	**94**	**1**	**24**	**17**	**13**	**13**	**15**	**12**	**10**	**7**	**10**	**18**	**7**	**10**
I.—General Diseases.																																					
Group Total	39	1	..	1	..	..	7	..	..	8	5	7	3	5	2	..	..	17	22	....	29	10	....	16	23	....	6	5	1	5	4	5	3	....	5	2	3
8. Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
9. Diphtheria and croup	5	..	..	1	..	..	4	..	..	..	..	..	..	..	..	..	..	4	1	..	5	..	..	5	..	..	2	..	..	..	1	..	1	..	..	1	..	..
10. Influenza	7	..	..	..	..	..	..	..	..	3	1	2	..	..	1	..	..	2	5	..	5	2	..	2	5	..	..	4	..	2	..	..	1	..	..	1	..	..
19. Other epidemic diseases	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20. Purulent infection and septicaemia	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
Total deaths from tuberculosis	7	..	..	..	..	..	1	..	..	4	2	..	..	..	..	..	..	4	3	....	4	3	....	4	3	....	..	1	..	..	2	1	1	..	..	1	1
28. Tuberculosis of the lungs	5	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	3	2	....	3	2	....	2	3	....	..	1	..	..	1	1	1	..	..	..	1
30. Tuberculous meningitis	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	..	1	....	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	..	1	....	..	1	....	..	..	..	..	..	..	..	..	..	..	..	1
42. Cancer and other malignant tumors of the female genital organs	5	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	..	1
44. Cancer and other malignant tumors of the skin	1	..	..	..	..	..	..	..	..	..	..	3	1	1	..	..	..	..	5	....	3	2	....	..	5	....	3	..	..	..	..	1	..	..	..	1	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	1	..	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	1	1	....	2	..	....	..	2	....	..	..	..	..	1	..	..	..	..	1	..	..
50. Diabetes	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	1	..	..	..	..	..	..
53. Leuchaemia	1	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	2	1	....	2	1	....	2	1	....	..	..	..	..	1	2	..	..	..	..	..	..
54. Anaemia, chlorosis	2	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	1	1	....	1	1	....	..	2	....	1	..	..	1	..	..	..	..	..	1	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	7	..	..	..	..	..	..	..	..	..	..	1	1	4	1	..	..	4	3	....	4	3	....	..	7	....	2	..	1	..	..	1	..	..	1	2	..	..
60. Encephalitis	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	1	..	..	..	..	..	..	..	..	..
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	..	1	....	..	1	....	..	..	..	..	..	1	..	..	..	..	..	..

GALT—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
64. Cerebral haemorrhage, apoplexy	3													3				1	2		2	1			3		1							2			
66. Paralysis without specified cause	1														1			1				1			1		1											
74. Other diseases of the nervous system	1											1						1				1			1									1				
III.—Diseases of the Circulatory System.																																						
Group Total	27										3	1	1	7	12	3		12	15		17	10		5	21	1	3	2	2	3	4	1	2	2	3	3		2
77. Pericarditis	1											1						1			1				1									1				
78. Acute endocarditis	2										2							1	1		2				1	1			1					1				
79. Organic diseases of the heart	18										1		1	5	10	1		7	11		10	8		5	13		3		1	2	4	1	2	1	1	2		1
81. Diseases of the arteries, atheroma, aneurism, etc.	6													2	2	2		3	3		4	2			6			2		1				1		1	1	
IV.—Diseases of the Respiratory System.																																						
Group Total	19	3	1				1			2	1	1	2		5	3		11	8		8	11		8	11		5	4	3	2	1	1		1		1	1
87. Diseases of the larynx	1					1												1			1			1			1										
89. Acute bronchitis	1	1																	1		1			1						1								
90. Chronic bronchitis	5											1	1		1	2		1	4		1	4		2	3		1	2						1			1
91. Broncho-pneumonia	1		1															1			1			1							1						
92. Pneumonia	11	2								2	1		1		4	1		8	3		4	7		3	8		3	2	3	1	1					1	
V. Diseases of the Digestive System.																																						
Group Total	16	7	1						1		1	2	1	2	1			11	5		15	1		9	7		1	1	1		1		3	2	1	3	1	2
102. Ulcer of the stomach	2											1	1					2			1	1			2			1									1
103. Other diseases of the stomach (cancer excepted)	3													2	1			1	2		3				3						1					1	1
104. Diarrhoea and enteritis (under 2 years)	8	7	1															5	3		8			8			1		1			1	2	1	2		
105. Diarrhoea and enteritis (2 years and over)	1											1						1			1				1										1			
108. Appendicitis and typhlitis	1										1							1			1				1							1					
109. Hernia, intestinal obstructions	1							1										1			1			1								1					
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	9	1									1	1	2	2	1	1		5	4		6	3		5	4		2		2			1			2	1	1	
119. Acute nephritis	1	1																	1		1			1					1								
120. Bright's disease	7										1	1	1	2	1	1		4	3		5	2		4	3		2		1			1			2	1	
126. Diseases of the prostate	1												1					1				1			1												1
VII.—The Puerperal State.																																						
Group Total	1											1							1		1				1										1			
136. Other accidents of labor	1											1							1		1				1										1			

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CAUSES OF DEATH IN THE CITY OF GUELPH, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.		Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	0-1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	273	36	5	3		1	6		11	15	27	19	27	40	50	31	2		146	127		202	65	6	104	145	24	32	48	31	28	22	30	16	15	10	17	8	16
I.—General Diseases.																																						
Group Total	74	3	2	..	..	..	4	..	6	4	18	5	8	11	10	2	1		45	29	....	60	13	1	34	36	4	8	23	12	7	2	6	2	5	4	3	1	1
9. Diphtheria and croup	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		1	..	....	1	..	....	1	..	....	..	1	..	..	..	..	..	..	..	..	..	..
10. Influenza	30	1	2	..	..	..	..	..	5	2	12	2	2	1	2	1	..		19	11	....	28	2	....	18	11	1	4	19	4	3	..	..	..	..	..	..	..	..
24. Tetanus	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..		1	..	....	1	..	....	1	..	....	..	..	..	1	..	..	..	..	..	..	..	..
Total deaths from tuberculosis	11	..	..	..	..	..	1	..	1	2	4	2	1	..	..	..	..		8	3	....	8	3	..	5	5	1	1	2	1	3	..	1	..	2	..	1	..	..
28. Tuberculosis of the lungs	10	..	..	..	..	..	..	..	1	2	4	2	1	..	..	..	..		7	3	....	7	3	....	4	5	1	1	2	1	3	..	1	..	1	..	1	..	..
30. Tuberculous meningitis	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..		1	..	....	1	..	....	1	..	....	..	..	..	..	..	..	..	1	..	..	..	..
36. Rickets	2	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..		1	1	....	2	..	....	2	..	....	..	..	..	..	..	..	..	..	..	2	..	..
37. Syphilis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		1	..	....	1	..	....	1	..	....	..	..	..	1	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..		1	..	....	1	..	....	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	7	..	..	..	..	..	..	..	..	..	..	..	..	4	3	..	..		6	1	....	6	1	....	..	7	..	1	..	1	..	2	..	1	..	2	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	5	..	..	..	..	..	..	..	..	..	..	..	3	..	1	1	..		2	3	....	2	3	....	..	4	1	..	..	2	..	..	..	..	2	..	..	1	..
42. Cancer and other malignant tumors of the female genital orgnas	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..		..	2	....	2	..	....	1	1	....	..	..	..	..	..	..	..	1	1	..	..	..
43. Cancer and other malignant tumors of the breast	2	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..		..	2	....	1	1	....	..	2	....	..	..	..	..	..	1	..	..	1	..	..	..
44. Cancer and other malignant tumors of the skin	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..		1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	..	..	1
45. Cancer and other malignant tumors of other organs or of organs not specified	5	..	..	..	..	..	1	..	..	..	..	1	..	1	2	..	..		1	4	....	3	2	....	2	2	1	1	..	2	..	..	1	1	..	..	..	..	..
50. Diabetes	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..		1	1	....	..	1	1	..	2	....	..	..	1	..	..	..	1	..	..	..	..	..	..
53. Leuchaemia	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..		1	..	....	1	..	....	1	..	....	1	..	..	..	..	1	..	..	..	..	..	..	..
54. Anaemia, chlorosis	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..		1	1	....	2	..	....	2	..	....	..	..	..	..	..	1	..	..	..	..	..	..

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GUELPH—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
109. Hernia, intestinal obstructions	2										1			1				1	1		1	1		1		1			2								
110. Diseases of the intestines	2													2					2		2			1	1		1						1				
114. Biliary calculi	1														1				1			1			1				1								
115. Other diseases of the liver	1															1			1		1				1				1								
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	8			1						1		2		2	2			7	1		7	1		1	6	1		1		1		2		1		2	1
119. Acute nephritis	1			1														1			1			1							1						
120. Bright's disease	6									1		2		2	1			5	1		6				5	1				1		1		1		2	1
124. Diseases of the bladder	1														1			1				1			1			1									
X.—Congenital Malformations.																																						
Group Total	5	5																2	3		5			5						1	1	1	1		1		
150. Congenital malformations (still-births not included)	5	5																2	3		5			5						1	1	1	1		1		
XI.—Diseases of Early Infancy.																																						
Group Total	13	13																4	9		13			13			1		3	2		2	1	2	1			1
151. Congenital debility, icterus and sclerema	12	12																3	9		12			12					3	2		2	1	2	1			1
152. Other diseases peculiar to early infancy	1	1																1			1			1			1										
154. XII.—Old Age.																																						
Group Total	12														2	10		5	7		3	9			12		1		4	4		1		1			1
XIII.—Affections Produced by External Causes.																																						
Group Total	11			1		1			1	2	2	1	1		1	1		7	4		8	2	1	7	3	1		1		3	3	3				1		
157. Suicide by hanging or strangulation	1											1							1		1			1						1							
167. Burns (conflagration excepted)	1			1															1		1			1				1									

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CAUSES OF DEATH IN THE CITY OF HAMILTON, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**1,656**	**360**	**49**	**23**	**15**	**19**	**67**	**19**	**36**	**91**	**137**	**130**	**167**	**209**	**207**	**123**	**4**	**851**	**805**		**1,097**	**548**	**11**	**731**	**871**	**54**	**118**	**221**	**213**	**134**	**141**	**128**	**131**	**113**	**115**	**117**	**108**	**117**
I.—General Diseases.																																					
Group Total	475	31	17	15	8	12	32	12	13	41	64	46	65	59	49	10	1	239	236	....	307	167	1	186	269	20	29	109	73	40	30	35	34	22	22	25	29	27
1. Typhoid fever	10	....	....	....	....	....	....	1	1	1	1	2	2	1	1	....	....	8	2	....	3	7	....	4	6	....	1	....	1	1	1	....	....	1	....	4	1	....
6. Measles	11	1	4	4	....	1	1	....	....	....	....	....	....	....	....	....	....	6	5	....	10	1	....	11	....	....	....	....	....	3	3	2	1	1	1	....	....	....
7. Scarlet fever	12	....	....	2	3	1	4	....	1	1	....	....	....	....	....	....	....	6	6	....	9	3	....	12	....	....	2	2	1	1	....	1	2	....	1	....	1	1
8. Whooping cough	13	9	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	6	7	....	13	....	....	13	....	....	....	....	....	1	2	2	....	1	....	1	1	3	2
9. Diphtheria and croup	46	3	4	3	4	8	19	5	....	....	....	....	....	....	....	....	....	21	25	....	46	....	....	46	....	....	5	1	8	4	4	4	3	4	2	3	4	4
10. Influenza	133	12	2	3	....	....	3	2	5	20	41	13	10	9	11	3	....	81	52	....	89	44	....	38	85	10	2	83	37	3	2	....	2	....	....	....	3	1
14. Dysentery	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
18. Erysipelas	4	1	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	2	2	....	4	....	....	4	....	....	1	1	....	....	....	....	....	....	....	1	....	1
20. Purulent infection and septicaemia	17	1	....	....	....	....	3	1	....	....	3	1	3	3	2	....	....	11	6	....	12	5	....	4	12	1	1	2	2	1	1	....	3	3	1	1	1	1
Total deaths from tuberculosis	61	4	3	1	....	2	2	2	4	14	9	10	5	2	2	....	1	31	30	....	38	22	1	29	29	3	7	7	7	8	3	8	3	3	2	2	6	5
28. Tuberculosis of the lungs	49	2	1	1	....	....	....	1	3	13	8	10	5	2	2	....	1	24	25	....	28	20	1	19	27	3	5	7	7	8	1	7	3	2	2	....	4	3
29. Acute miliary tuberculosis	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	2	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	1	....
30. Tuberculous meningitis	4	1	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	2	2	....	4	....	....	4	....	....	1	....	....	....	1	....	....	1	....	....	1	....
31. Abdominal tuberculosis	3	....	....	....	....	1	....	....	1	1	....	....	....	....	....	....	....	2	1	....	2	1	....	2	1	....	....	....	....	....	....	....	....	....	....	1	....	2
32. Pott's disease	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
33. White swelling	2	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	1	1	....	1	1	....	1	1	....	1	....	....	....	1	....	....	....	....	....	....	....
37. Syphilis	2	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	1	1	....	2	....	....	....	2	....	....	1	....	....	....	1	....	....	....	....	....	....
39. Cancer and other malignant tumors of the buccal cavity	2	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	1	1	....	2	....	....	....	2	....	....	....	1	....	....	....	....	....	....	1	....	....
40. Cancer and other malignant tumors of the stomach, liver	41	....	....	....	....	....	....	....	....	....	1	1	9	16	10	4	....	22	19	....	11	30	....	5	36	....	4	5	5	5	1	3	5	3	2	4	3	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	24	....	....	....	....	....	....	....	....	....	2	1	4	7	8	2	....	9	15	....	12	12	....	2	20	2	1	3	1	1	2	3	4	1	3	1	1	3
42. Cancer and other malignant tumors of the female genital organs	17	....	....	....	....	....	....	....	....	....	1	5	6	2	2	1	....	....	17	....	8	9	....	2	15	....	2	1	2	....	1	1	1	1	1	3	3	1
43. Cancer and other malignant tumors of the breast	5	....	....	....	....	....	....	....	....	....	....	....	1	3	....	1	....	....	5	....	4	1	....	1	4	....	....	1	....	....	....	1	....	....	....	2	1	....
45. Cancer and other malignant tumors of other organs or of organs not specified	32	....	1	....	1	....	....	....	....	....	....	2	13	11	4	....	....	18	14	....	21	11	....	5	24	3	....	1	4	6	6	3	2	2	4	1	....	3

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Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
92. Pneumonia	135	20	5	1	2	1	2	1	3	11	15	14	18	22	12	7	1	77	58	....	88	45	2	51	77	7	18	26	25	10	16	7	5	2	3	4	4	15
93. Pleurisy	7	....	1	..	..	..	..	..	..	1	1	1	2	..	1	..	..	5	2	....	4	3	....	2	4	1	1	..	1	1	1	1	..	1	..	..	..
94. Pulmonary congestion, pulmonary apoplexy	8	..	..	..	..	..	..	..	..	..	..	1	....	1	2	4	..	3	5	....	4	4	....	....	8	....	1	2	2	..	..	2	..	..	..	..	..	1
96. Asthma	7	..	..	..	..	..	..	1	..	..	..	..	1	2	2	1	..	2	5	....	1	6	....	1	5	1	1	..	2	1	..	..	..	..	1	..	1	1
97. Pulmonary emphysema	2	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	1	1	....	1	1	....	1	1	....	1	..	1	..	..	..	..	..	..	..	..	..
98. Other discases of the respiratory system (tuberculosis excepted)	5	..	..	1	..	..	..	..	..	1	..	1	....	2	..	..	..	1	4	....	3	2	....	4	1	....	..	..	1	..	..	..	1	1	..	..	..	2
V.—Diseases of the Digestive System.																																						
Group Total	155	79	8	1	3	3	7	2	3	7	4	9	10	11	3	5	..	82	73	....	121	34	....	116	38	1	6	5	7	4	5	12	20	36	25	17	8	10
99. Diseases of the mouth and annexa	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..
100. Diseases of the pharynx	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..
101. Diseases of the oesophagus	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
102. Ulcer of the stomach	3	..	..	..	..	..	..	..	..	..	..	1	1	..	1	..	..	3	..	....	1	2	....	1	2	....	..	..	1	..	..	..	1	1	..	..	..	..
103. Other diseases of the stomach (cancer excepted)	5	1	..	..	..	..	..	..	..	1	..	..	2	1	..	..	..	4	1	....	2	3	....	1	4	....	..	..	..	..	..	1	1	1	2	..	..	..
104. Diarrhoea and enteritis (under 2 years)	82	75	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	44	38	....	79	3	....	82	..	....	4	..	..	..	3	2	10	22	20	11	4	6
105. Diarrhoea and enteritis (2 years and over)	12	..	..	3	2	2	..	..	..	..	..	1	1	..	1	2	..	9	3	....	8	4	....	8	4	....	..	..	1	1	1	1	2	3	..	1	..	2
108. Appendicitis and typhlitis	14	..	..	..	1	2	1	2	2	1	3	1	..	..	1	..	..	5	9	....	7	7	....	9	5	....	..	..	1	2	..	..	2	2	6	..	1	..
109. Hernia, intestinal obstructions	11	2	..	..	..	..	1	..	..	..	1	2	3	2	..	..	..	5	6	....	6	5	....	4	6	1	..	2	..	..	..	3	..	2	1	1	1	1
110. Diseases of the intestines	4	1	1	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	3	....	3	1	....	2	2	....	..	..	..	..	..	..	1	..	1	2	..	..
112. Hydatid tumor of the liver	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	....	....	1	....	..	..	..	..	..	1	..	..	..	..	..	..
113. Cirrhosis of the liver	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	..	1	....	....	1	....	..	..	..	..	..	..	..	..	..	..	..	..
114. Biliary calculi	4	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	1	3	....	1	3	....	....	4	....	..	..	1	..	1	..	..	..	1	..	1	..
115. Other diseases of the liver	6	..	1	..	..	..	..	..	..	..	..	1	1	3	..	..	..	3	3	....	4	2	....	3	3	....	1	2	..	..	..	1	1	1	..	..	..	..
117. Simple peritonitis (non-puerperal)	8	..	..	..	..	..	1	..	1	4	..	1	1	..	..	..	..	4	4	....	5	3	....	3	5	....	1	..	1	3	..	..	1	..	1	..	..	1
118. Other diseases of the digestive system cancer and tuberculosis excepted)	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	....	....	1	..	..	..	..	..	..	..	..	..	..	1	..	..
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	72	1	..	..	..	..	..	..	1	5	9	11	11	18	9	7	..	38	34	....	46	26	....	15	55	2	6	4	11	8	7	5	4	9	6	1	5	6
119. Acute nephritis	13	1	..	..	..	..	..	..	..	2	3	2	3	1	1	..	..	5	8	....	10	3	....	6	7	....	1	..	4	4	1	..	..	1	..	..	..	2
120. Bright's disease	43	..	..	..	..	..	..	..	1	2	2	7	5	15	6	5	..	25	18	....	28	15	....	7	34	2	5	2	6	2	5	3	3	5	3	1	4	4
122. Other diseases of the kidneys and annexa	2	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	2	..	....	1	1	....	1	1	....	..	..	..	..	..	1	..	..	1	..	..	..
124. Diseases of the bladder	3	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1	2	....	3	..	....	1	2	....	..	..	..	..	1	..	..	1	..	1	..	..
125. Diseases of the urethra, urinary abscess, etc.	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	..	1	....	....	1	....	..	..	..	..	..	..	..	1	..	..	..	..
126. Diseases of the prostate	4	..	..	..	..	..	..	..	..	..	..	..	1	..	2	1	..	4	..	....	1	3	....	....	4	....	..	2	1	..	..	..	..	..	1	..	..	..
130. Other diseases of the uterus	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	....	....	1	....	..	..	..	1	..	..	..	..	..	..	..	..
131. Cysts and other tumors of the ovary	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	..	1	....	....	1	....	..	..	..	..	..	..	..	..	..	..	1	..
132. Salpingitis and other diseases of the female genital organs	4	..	..	..	..	..	..	..	..	1	3	..	..	..	..	..	..	..	4	....	2	2	....	....	4	....	..	..	..	1	1	..	2	..	..	..	..	..

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HAMILTON—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
160. Suicide by cutting or piercing instruments	3											2		1				3			2	1		1	2				1		1		1				
164. Poisoning by food	1						1												1		1			1					1								
165. Other acute poisonings	6	1	2	1						1			1					4	2		5	1		4	2			2	2						1	1	
167. Burns (conflagration excepted)	12					1	3	1	1	1	3	2						6	6		8	4		6	6		1	3	3	1		1	1		1			1
168. Absorption of deleterious gases (conflagration excepted)	2							1				1						1	1		1	1		1		1	1								1		
169. Accidental drowning	6						1		2		2	1						5	1		2	4		4	2					1	1		2		2			
170. Traumatism by firearms	5								3		1	1						5			3	2		3	1	1				1		1	1		1		
172. Traumatism by fall	2														1	1			2			1	1	1	1					1	1						1
175. Traumatism by other crushing	13									2	1	2	3		4		1	8	5		6	6	1	3	8	2			1		1		2	1	2	3	1	2
(a) Railroad	5									1	1		1		1		1	4	1		2	2	1	1	2	2					1		1			1	1	
(b) Street car	1											1						1			1				1									1				
(c) Automobile	5											1	2		2			1	4		2	3		1	4				1			1	1	1			1
(d) Other crushing	2									1					1			2			1	1		1	1										2		
176. Injuries by animals	1										1							1			1				1												
178. Excessive cold	1												1					1							1												
184. Homicide by other means	1											1						1			1				1										1		
185. Fracture (cause not specified)	16		1				1				1	2	2	1	8			10	6		7	9		4	11	1	2	1	3	2	4		2		1		1	1
186. Other external violence	9						3				1		3		2			7	2		7	2		4	5					1		1	1	1		1	4	
XIV.—Ill-Defined Diseases.																																						
Group Total	12		2						2	1	2	2	1	1	1			8	4		8	4		8	3	1	1	1	3			1		2	2	1		1
189. Cause of death not specified or ill-defined	12		2						2	1	2	2	1	1	1			8	4		8	4		8	3	1	1	1	3			1		2	2	1		1
Still-Births.																																						
Not included in totals	140	140																80	60		140			140			13	15	16	7	15	9	14	12	11	13	6	9

CAUSES OF DEATH IN THE CITY OF KINGSTON, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**514**	**82**		**13**	**9**	**3**	**8**	**20**	**14**	**13**	**40**	**27**	**44**	**48**	**62**	**71**	**51**	**9**	**283**	**231**		**384**	**110**	**20**	**243**	**233**	**38**	**52**	**54**	**57**	**42**	**53**	**39**	**31**	**45**	**37**	**43**	**27**	**34**
I.—General Diseases.																																							
Group Total	151	7		3	4	3	4	14	8	8	18	17	19	13	18	8	4	3	79	72	....	121	23	7	84	58	9	14	20	18	14	12	15	12	14	11	9	4	8
1. Typhoid fever	2	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	1	1	....	2	....	....	....	2	....	....	1	....	....	....	....	....	....	....	....	....	1
6. Measles	5	1	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	1	5	....	....	5	....	....	....	....	....	....	3	2	....	....	....	....	....	....	....	....	....
7. Scarlet fever	5	....	....	1	....	1	1	2	....	....	....	....	....	....	....	....	....	....	2	3	....	5	....	....	5	....	....	2	....	1	1	....	1	....	....	....	....	....	....
8. Whooping cough	5	4	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	3	....	5	....	....	5	....	....	....	....	2	1	....	....	....	....	2	....	....	....
9. Diphtheria and croup	23	....	1	3	1	3	8	4	1	....	1	....	1	....	....	....	....	....	11	12	....	22	1	....	21	2	....	....	4	3	2	1	1	3	2	3	3	....	1
10. Influenza	4	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	1	....	3	1	....	3	....	1	3	1	....	....	1	2	....	....	....	....	....	....	....	....	1
14. Dysentery	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
18. Erysipelas	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	1	....	1	1	....	....	2	....	....	....	....	....	1	....	1	....	....	....	....	....
20. Purulent infection and septicaemia	3	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	3	....	....	3	....	....	3	....	....	....	....	1	....	....	1	1	....	....	....	....	....
Total deaths from tuberculosis	49	....	....	....	....	....	....	2	1	6	14	10	8	4	3	1	....	....	23	26	....	35	11	3	22	25	2	3	7	3	5	7	5	5	4	4	3	2	1
28. Tuberculosis of the lungs	45	....	....	....	....	....	....	1	....	5	14	10	7	4	3	1	....	....	21	24	....	32	10	3	19	24	2	2	7	3	4	6	4	5	4	4	3	2	1
30. Tuberculous meningitis	3	....	....	....	....	....	....	1	1	1	....	....	....	....	....	....	....	....	2	1	....	3	....	....	3	....	....	....	....	....	1	1	1	....	....	....	....	....	....
31. Abdominal tuberculosis	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
36. Rickets	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
37. Syphilis	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	13	....	....	....	....	....	....	....	....	....	....	1	1	3	6	1	1	....	3	10	....	9	4	....	5	8	....	3	1	1	....	1	1	2	1	1	....	2
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	6	....	....	....	....	....	....	....	....	....	....	....	1	1	1	2	....	1	5	1	....	5	....	1	2	3	1	....	....	1	2	....	2	....	....	....	....	....	1
42. Cancer and other malignant tumors of the female genital organs	4	....	....	....	....	....	....	....	....	....	....	....	1	2	....	1	....	....	1	3	....	4	....	....	1	3	....	1	2	....	....	1	....	....	....	....	....	....	....
43. Cancer and other malignant tumors of the breast	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	7	....	....	....	....	....	....	1	....	....	....	....	3	....	1	1	1	....	3	4	....	1	2	1	2	3	2	1	....	....	....	2	1	....	2	....	1	....	....
47. Acute articular rheumatism	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
48 Chronic rheumatism and gout	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
50. Diabetes	7	....	....	....	....	....	....	....	1	....	2	....	....	....	3	1	....	....	5	2	....	7	....	....	2	3	2	1	....	1	1	....	1	....	1	....	1	1	....
54. Anaemia, chlorosis	6	....	....	....	....	....	....	....	....	....	1	1	1	3	....	....	....	....	5	1	....	4	2	....	....	4	2	....	....	....	1	....	1	2	1	....	....	....	....	1
55. Other general diseases	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
56. Alcoholism (acute or chronic)	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	2	....	....	1	1	....	2	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	37	5	1	..	..	..	1	1	..	3	..	2	4	8	7	4	1	20	17	....	25	1	..	16	18	3	6	2	4	4	1	2	1	5	4	4	2	2
60. Encephalitis	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
61. Meningitis	7	1	1	..	..	..	1	..	..	2	..	..	1	..	..	..	1	4	3	....	7	..	..	6	1	..	..	..	2	..	1	1	..	1	2	..	..	..
62. Locomotor ataxia	2	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	2	..	....	..	2	..	..	2	..	1	..	..	..	..	..	..	..	..	1	..	..
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
64. Cereb al haemorrhage, apoplexy	16	1	..	..	..	..	..	..	..	..	..	1	1	5	5	3	..	8	8	....	9	7	....	3	12	1	3	1	1	3	..	1	1	1	2	2	1	..
66 Paralysis without specified cause	4	1	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	2	2	....	3	1	....	2	1	1	..	..	1	..	..	..	..	2	..	..	1	..
69. Epilepsy	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
71. Convulsions of infants	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	....	2	..	....	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..
74. Other diseases of the nervous system	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2	....	2	..	....	..	1	1	..	..	..	1	..	..	..	1	..	..	..	..
76. Diseases of the ears	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
III.—Diseases of the Circulatory System.																																						
Group Total	102	..	..	..	..	..	1	..	..	6	3	9	18	21	26	14	4	64	38	....	67	29	6	17	74	11	11	10	11	11	15	6	5	8	3	11	4	7
78. Acute endocarditis	5	..	..	..	..	..	..	..	..	1	1	..	..	2	..	..	1	2	3	....	4	1	....	1	4	....	1	..	..	..	1	..	..	1	..	1	..	1
79. Organic diseases of the heart	58	..	..	..	..	..	..	..	..	4	2	6	12	13	14	6	1	34	24	....	37	19	2	13	38	7	8	8	8	4	8	1	2	5	3	5	4	2
81. Diseases of the arteries, atheroma, aneurism, etc.	36	..	..	..	..	..	..	..	..	1	..	2	5	6	12	8	2	26	10	....	23	9	4	2	30	4	1	2	3	7	6	5	2	2	..	4	..	4
82. Embolism and thrombosis	2	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	1	1	....	2	..	....	1	1	..	..	..	..	..	..	..	1	..	..	1	..	..
85. Haemorrhage; other diseases of the circulatory system	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	..	....	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of the Respiratory System.																																						
Group Total	68	6	7	3	..	1	2	..	1	5	3	7	5	4	14	10	..	39	29	....	49	13	6	31	29	8	8	13	12	1	6	3	2	2	3	5	6	7
87. Diseases of the larynx	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
90. Chronic bronchitis	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	....	..	2	....	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..
91. Broncho-pneumonia	18	2	3	1	..	1	1	..	..	1	1	2	..	..	2	4	..	7	11	....	12	5	1	12	5	1	1	6	4	..	1	2	..	..	..	2	2	..
92. Pneumonia	46	4	3	2	..	..	1	..	1	4	2	4	5	3	11	6	..	30	16	....	35	6	5	17	23	6	7	7	7	..	4	1	2	2	2	3	4	7
96. Asthma	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
V.—Diseases of the Digestive System.																																						
Group Total	32	8	2	1	..	2	1	3	1	1	3	1	2	3	3	1	..	14	18	....	28	4	....	18	13	1	1	3	..	2	1	3	2	3	5	3	4	5
99. Diseases of the mouth and annexa	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	....	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
102. Ulcer of the stomach	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	..	....	2	..	....	..	2	..	..	..	..	..	..	..	..	..	..	..	1	1
104. Diarrhoea and enteritis (under 2 years)	10	8	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	4	....	10	..	....	10	..	..	1	..	..	1	1	1	..	1	4	..	..	1
105. Diarrhoea and enteritis (2 years and over)	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
108. Appendicitis and typhlitis	9	..	..	..	..	1	..	2	..	1	2	1	1	..	..	1	..	2	7	....	7	2	....	3	6	..	..	2	..	..	..	1	2	1	..	..	2	1
109. Hernia, intestinal obstructions	3	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	1	2	....	2	1	....	..	2	1	..	..	..	..	1	..	..	..	..	1	1	..

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KINGSTON—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
169. Accidental drowning	2						1				1							2			2			1	1						1		1					
170. Traumatism by firearms	1								1									1			1			1														1
172. Traumatism by fall	1									1								1				1		1									1					
175. Traumatism by other crushing	1												1					1			1			1								1					
(a) Railroad	1												1					1			1			1								1					
(b) Street car																																					
(c) Automobile																																					
(d) Other crushing																																					
181. Electricity (lightning excepted)	1						1											1			1			1									1					
185. Fractures (cause not specified)	4											1			2	1		2	2		2	1	1		3	1	1			1	1		1					
XIV.—Ill-Defined Diseases.																																					
Group Total	5			1					1			1		1	1			3	2		4	1		4	1				1		1	1	1				1	
187. Ill-defined organic disease	2			1											1				2		1	1		2						1	1						
189. Cause of death not specified or ill-defined	3								1			1		1				3			3			2	1				1		1					1	
Still-Births.																																					
Not included in totals	30	30																20	8	2	30			30			1	3	3	2	2	2	4	1	3	3	1	5

CAUSES OF DEATH IN THE CITY OF KITCHENER, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.															Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	270	58	7	3	1	3	6	3	7	25	22	15	20	41	35	23	1	160	110		200	68	2	116	148	6	26	40	20	19	20	25	15	15	20	24	25	21
I.—General Diseases.																																						
Group Total	81	8	1	2	..	1	2	1	3	15	8	7	9	12	9	2	1	43	38	....	59	21	1	31	47	3	11	23	5	5	4	9	1	3	5	4	5	6
8. Whooping cough	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	....	3	..	..	3	..	..	1	..	1	..	..	..	..	..	1	..	..	..
9. Diphtheria and croup	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	....	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10. Influenza	24	2	..	..	..	1	1	..	..	8	5	1	2	..	3	..	1	14	10	....	18	6	....	6	16	2	2	19	2	1	..	1	..	..	..	..	1	..
18. Erysipelas	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	....	2	..	..	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..
20. Purulent infection and septicaemia	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	....	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Total deaths from tuberculosis	15	..	..	1	..	..	..	..	3	5	2	3	1	..	..	..	..	8	7	....	11	4	....	11	4	....	2	1	1	..	1	2	1	2	1	2	2	..
28. Tuberculosis of the lungs	11	..	..	..	..	..	..	..	1	4	2	3	1	..	..	..	..	7	4	....	8	3	....	7	4	....	2	1	1	..	1	1	..	2	..	2	1	..
30. Tuberculous meningitis	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	..	1	..
31. Abdominal tuberculosis	2	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	2	....	2	..	....	2	..	....	..	..	..	..	..	..	..	..	..	..	..	..
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	....	..	1	....	1	..	....	..	..	..	..	1	..	..	1	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	2	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	2	..	....	2	..	....	..	2	....	..	..	1	..	..	..	..	..	..	..	..	1
40. Cancer and other malignant tumors of the stomach, liver	4	..	..	..	..	..	..	..	..	..	..	..	1	2	1	..	..	2	2	....	3	1	....	..	4	....	1	..	..	1	..	..	..	..	..	1	..	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	2	..	....	2	..	....	..	2	....	..	..	..	..	..	..	..	..	..	..	..	1
42. Cancer and other malignant tumors of the female genital organs	3	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	3	....	1	2	....	1	2	....	..	1	..	..	..	..	..	1	1	..	..	..
43. Cancer and other malignant tumors of the breast	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	2	....	1	1	....	..	2	....	..	..	..	..	..	1	..	..	..	1	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	10	..	..	..	..	..	..	..	1	..	..	1	1	1	4	2	..	..	4	6	....	6	4	....	2	7	1	2	1	..	2	1	1	..	..	..	..	3
46. Other tumors (tumors of the female genital organs excepted)	2	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	1	1	....	..	2	....	1	1	....	1	..	..	..	1	..	..	..	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..
50. Diabetes	4	..	..	..	..	..	1	..	..	..	..	..	..	1	2	..	..	1	3	....	3	1	....	1	3	....	1	1	..	..	..	..	..	..	..	1	..	..
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	1	..	..	..	..	..	..
54. Anaemia, chlorosis	2	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	..	....	2	..	....	..	2	....	..	..	..	..	..	1	..	..	1	..	..	..
56. Alcoholism (acute or chronic)	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	..	..	1	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..

KITCHENER—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	24	4	1	..	1	..	1	..	..	..	3	1	3	4	3	3	..	15	9	....	21	3	....	10	13	1	..	2	1	2	2	2	3	3	1	3	2	3
61. Meningitis	2	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	2	....	2	..	....	2	..	..	..	1	..	1	..	..	..	..	..	..	..	..
63. Other diseases of the spinal cord	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
64. Cerebral haemorrhage, apoplexy	10	..	..	..	..	..	..	..	..	..	1	1	1	2	2	3	..	7	3	....	7	3	....	1	8	1	..	..	1	..	2	1	1	1	..	3	1	..
66. Paralysis without specified cause	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1	....	2	..	....	1	1	..	..	1	..	..	..	1	..	..	..	..	..	..
69. Epilepsy	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	..	....	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
71. Convulsions of infants	4	3	1	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2	2	....	4	..	....	4	..	..	..	..	..	..	..	..	1	2	1	..	..	..
73. Neuralgia and neuritis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	..	....	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
74. Other diseases of the nervous system	2	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1	..	2	..	....	2	..	....	..	2	..	..	..	..	1	..	..	..	..	..	..	..	1
76. Diseases of the ears	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
III.—Diseases of the Circulatory System																																						
Group Total	32	1	..	..	..	..	..	..	..	1	1	4	6	13	4	2	..	18	14	....	19	13	....	3	27	2	2	1	4	2	1	5	3	2	2	4	4	2
78. Acute endocarditis	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	..	....	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
79. Organic diseases of the heart	18	..	..	..	..	..	..	..	..	1	1	2	4	9	1	..	..	9	9	....	12	6	....	1	16	1	..	..	4	1	1	3	1	2	2	1	2	1
80. Angina pectoris	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	..	1	....	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
81. Diseases of the arteries, atheroma, aneurism, etc.	11	..	..	..	..	..	..	..	..	..	..	..	2	4	3	2	..	7	4	....	5	6	....	1	9	1	2	1	..	1	..	2	1	..	..	1	2	1
84. Diseases of the lymphatic system (lymphangitis, etc.)	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
IV.—Diseases of the Respiratory System																																						
Group Total	31	10	3	..	..	..	2	..	2	2	..	..	1	4	5	2	..	21	10	....	24	7	....	20	11	....	5	6	2	3	3	5	1	1	1	1	2	1
87. Diseases of the larynx	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
89. Acute bronchitis	5	3	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	3	2	....	5	..	....	4	1	..	2	1	..	..	1	..	..	..	..	1	..	..
90. Chronic bronchitis	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
91. Broncho-pneumonia	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	....	4	..	....	4	..	..	..	..	..	..	..	2	..	..	1	..	1	..
92. Pneumonia	14	2	2	..	..	..	..	1	2	..	..	..	1	2	3	1	..	11	3	....	10	4	....	8	6	..	2	4	1	1	1	3	..	1	..	..	1	..
93. Pleurisy	3	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	2	1	....	1	2	....	1	2	..	..	..	..	..	2	1	..	..	..	..	..	..
96. Asthma	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	1	..	....	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
98. Other diseases of the respiratory system (tuberculosis excepted)	2	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	....	1	1	....	1	1	..	1	..	..	..	..	..	1	..	..	..	..	..
V.—Diseases of the Digestive System.																																						
Group Total	17	4	..	1	..	1	1	1	2	....	1	2	....	2	2	..	..	12	5	....	14	3	....	10	7	....	1	2	3	1	1	..	1	..	1	3	1	3
99. Diseases of the mouth and annexa	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	..	....	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
100. Diseases of the pharynx	2	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	2	..	....	1	1	....	2	..	..	..	..	1	..	..	..	..	..	..	..	..	1
103. Other diseases of the stomach (cancer excepted)	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
104. Diarhoea and enteritis (under 2 years)	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	....	3	..	....	3	..	..	..	..	..	..	..	..	..	..	..	2	..	1

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KITCHENER—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	15		2			1				6	3	1		1	1			9	6		12	2	1	6	9		2	1		1		1	1	3		5	1	
167. Burns (conflagration excepted)	4		2			1					1							1	3		3	1		3	1					1			1			2	
168. Absorption of deleterious gases (conflagration excepted)	3									2	1							1	2		3			1	2		1					1		1			
175. Traumatism by other crushing	3									1		1			1			3			2	1			3									2		1	
(a) Railroad																																					
(b) Street car																																					
(c) Automobile	2									1		1						2			1	1			2									1		1	
(d) Other crushing	1														1			1			1				1									1			
185. Fractures (cause not specified)	4									2	1			1				3	1		4			1	3		1								2	1	
186. Other external violence	1									1								1					1	1			1										
XIV.— Ill-Defined Diseases.																																					
Group Total	3							1						2				1	2		3			1	2			1							1	1	
189. Cause of death not specified or ill-defined	3							1						2				1	2		3			1	2			1							1	1	
Still-Births.																																					
Not included in totals	25	25																13	12		25			25			1	1	4	4	1	1	1	3	4	4	1	

CAUSES OF DEATH IN THE CITY OF LONDON, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**1,031**	**148**	**21**	**9**	**4**	**4**	**25**	**10**	**17**	**62**	**79**	**86**	**102**	**173**	**165**	**124**	**2**	**535**	**495**	**1**	**683**	**298**	**50**	**395**	**573**	**63**	**124**	**185**	**110**	**72**	**88**	**74**	**63**	**61**	**54**	**70**	**75**	**55**
I.—General Diseases.																																					
Group Total	293	16	7	7	2	2	13	6	8	27	43	41	38	44	33	6	..	149	144	....	206	73	14	107	166	20	30	85	26	17	18	14	16	16	17	21	18	15
1. Typhoid fever	2	....	..	..	..	..	..	1	....	....	..	1.	..	..	..	..	..	2	....	....	2	....	....	1	1	....	....	....	....	....	1	....	....	....	1	....	....	..
6. Measles	2	....	2	..	..	..	..	..	....	....	..	..	..	..	..	..	..	1	1	....	2	....	....	2	....	....	....	....	....	....	....	1	....	....	1	....	....	..
7. Scarlet fever	1	....	..	..	..	1	....	....	....	....	..	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	..
8. Whooping cough	8	2	3	1	..	..	2	....	....	....	..	..	..	..	..	..	..	3	5	....	8	....	....	8	....	....	....	....	....	....	....	....	....	....	....	....	1	..
9. Diphtheria and croup	19	2	..	4	1	2	5	2	....	1	..	2	..	..	..	..	..	8	11	....	15	4	....	16	3	....	....	....	....	2	2	1	1	....	....	....	....	2
10. Influenza	75	6	1	2	1	..	3	1	4	15	14	9	6	5	5	3	..	34	41	....	54	19	2	27	42	6	2	58	6	3	2	1	..	1	....	1	3	..	1
18. Erysipelas	3	....	....	....	....	....	....	....	....	....	....	....	1	..	2	....	....	2	1	....	2	....	1	....	2	1	....	....	....	....	....	1	1	....	....	....	1	..	1
19. Other epidemic diseases	2	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	....	....	....	....	2	....	....	....	1	....	....	....	1	....	....	....	....	....	..
20. Purulent infection and septicaemia	10	1	..	..	..	..	..	..	2	....	2	2	1	..	2	....	....	7	3	....	7	3	....	5	4	1	1	....	....	....	1	....	1	2	....	2	3
26. Pellagra	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	..
Total deaths from tuberculosis	59	2	1	..	..	..	..	2	1	9	18	12	5	4	4	1	..	29	30	....	44	11	4	24	31	4	5	12	6	4	2	5	5	3	5	3	7	2
28. Tuberculosis of the lungs	49	....	....	....	....	....	....	1	1	8	17	11	4	3	3	1	..	23	26	....	35	10	4	20	25	4	4	11	5	2	1	5	5	2	5	2	5	2
29. Acute miliary tuberculosis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	..
30. Tuberculous meningitis	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	....	....	2	....	....	....	....	1	1	....	....	....	....	....	....	....	....	..
31. Abdominal tuberculosis	6	....	....	....	....	....	....	1	..	1	1	1	1	..	1	....	....	4	2	....	5	1	....	1	5	....	....	....	....	2	1	....	....	1	....	....	2	..
34. Tuberculosis of other organs	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	..
36. Rickets	2	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	1	1	....	2	....	....	....	1	....	1	....	....	....	....	....	....	....	....	..
37. Syphilis	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	..
39. Cancer and other malignant tumors of the buccal cavity	6	....	....	....	....	....	....	....	....	....	....	....	....	2	4	....	....	6	....	....	2	3	1	....	5	1	3	1	....	....	1	....	1	....	....	....	....	....	..
40. Cancer and other malignant tumors of the stomach, liver	21	....	....	....	....	....	....	....	....	....	1	..	5	10	3	2	..	14	7	....	8	11	2	1	19	1	..	2	3	....	2	....	1	4	1	5	1	2
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	11	....	....	....	....	....	....	....	....	....	2	1	3	3	2	....	....	9	2	....	7	3	1	3	7	1	....	....	2	2	1	....	1	....	....	3	..	2
42. Cancer and other malignant tumors of the female genital organs	5	....	....	....	....	....	....	....	....	....	....	....	2	3	....	....	....	....	5	....	3	1	1	1	4	....	1	....	....	1	1	....	....	1	1	....	....	....	..
43. Cancer and other malignant tumors of the breast	4	....	....	....	....	....	....	....	....	....	....	....	3	..	1	....	....	....	4	....	2	2	....	....	4	....	....	....	....	1	....	....	....	....	2	....	....	1
44 Cancer and other malignant tumors of the skin	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	..

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
45. Cancer and other malignant tumors of other organs or of organs not specified	25										2	5	6	7	5			14	11		14	10	1	4	19	2	4	4	3	1	1		3	2	1	4	2	
48. Chronic rheumatism and gout	2											1		1				1	1		2			1	1		1									1	
50. Diabetes	10							1			3	2	1	2	1			6	4		10			1	7	2	2	2	1	1	3			1			
51. Exophthalmic goitre	2									1		1							2		1	1		1	1				1	1							
53. Leuchaemia	1											1							1		1			1							1						
54. Anaemia, chlorosis	19						2			1	1	3	5	5	2			7	12		16	2	1	7	12		2	1		2	1	3	3	2	2	1	2	
56. Alcoholism (acute or chronic)	1											1						1			1			1					1								
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	141	10	5				2	2	1	9	8	14	19	33	27	11		68	73		93	41	7	56	79	6	21	10	14	11	12	14	13	9	7	11	10	9
60. Encephalitis	2							1					1					1	1			2		1	1		1								1		
61. Meningitis	5	3	1						1									3	2		4	1		5						1	2			2			
63. Other diseases of the spinal cord	7						1			1			2	1	1	1		3	4		6	1		1	5	1	1		2			2		1		1	
64. Cerebral haemorrhage, apoplexy	48										2	2	8	13	16	7		25	23		27	20	1	10	38		9	4	4	1	3	2	4	4	3	4	7	3
66. Paralysis without specified cause	13										2	1	1	5	4			6	7		6	6	1	2	10	1	2		3		1	2	1	2	1		1	
67. General paralysis of the insane	5										1		2		1		1	3	2		5			1	4		1	1			J			2			
68. Other forms of mental alienation	30										2	1	8	6	9	3	1	11	19		21	5	4	14	13	3	4	3	3	4	5	6	2	1	1			1
68. Epilepsy	13										2	3	1		4	3		7	6		9	3	1	6	7		1		1	1		3	2			2	2	1
70. Convulsions (non-puerperal)	1										1								1		1			1									1					
71. Convulsions of infants	9	7	2															4	5		9						1	2	1	2			1		2		
73. Neuralgia and neuritis	1															1			1			1			1												1
74. Other diseases of the nervous system	5	1					1			2			1					4	1		3	2		4		1	1			2		1					1
76. Diseases of the ears	2	1					1											1	1		2			2											1		1
III.—Diseases of the Circulatory System																																					
Group Total	150					1	1		1	1	6	8	17	42	35	37	1	77	73		77	64	9	24	119	7	19	17	16	10	16	12	7	8	8	10	17	10
79. Organic diseases of the heart	80					1	1				3	4	12	24	18	17		45	35		46	29	5	14	64	2	10	10	9	4	9	7	5	6	4	4	10	2
80. Angina pectoris	4									1		1	1	1				3	1		4			2	2		1		1							2	
81. Diseases of the arteries, atheroma, aneurism, etc.	60										1	2	3	16	17	20	1	26	34		24	32	4	6	49	5	8	5	5	6	7	5	2	2	3	6	5	6
82. Embolism and thrombosis	4										1	1	1	1				2	2		2	2		1	3			2						1			1
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	1										1								1		1				1				1								
85. Haemorrhage; other diseases of the circulatory system	1								1									1				1		1													1
IV.—Diseases of the Respiratory System																																					
Group Total	118	12	7	1	1	1	3	1	3	11	11	10	12	14	23	8		60	58		86	30	2	53	58	7	16	40	16	10	9	5	1	2	1	7	5	6
89. Acute bronchitis	9	3	1						1		1	1		1		1		5	4		6	3		6	3		4	3	1		1							
90. Chronic bronchitis	3													1	2				3		3				3					1	1				1		
91. Broncho-pneumonia	12	3	3		1								1	1	2	1		6	6		11	1		8	3	1	2	1	4	1	1			2				1

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Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	8										1	2	1		1	3		4	4		3	4	1	2	5	1				1	1	1		1		1	1	2
142. Gangrene	4											1			1	2		1	3		1	2	1		4					1								
143. Furuncle	2											1				1		2			1	1		1		1					1		1				1
144. Acute abscess	2										1		1					1	1		1	1		2								1					1
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	4								1				1	2				4			3	1		1	3		2			1		1						
146. Diseases of the bones (tuberculosis excepted)	2								1					1				2			1	1		1	1		1			1								
147. Diseases of the joints (tuberculosis and rheumatism excepted)	2												1	1				2			2				2		1					1						
X.—Congenital Malformations.																																						
Group Total	10	10																5	5		10			10			4		1			2	1	1	1			
150. Congenital malformations (still-births not included)	10	10																5	5		10			10			4		1			2	1	1	1			
XI.—Diseases of Early Infancy.																																						
Group Total	87	87																54	33		87			87			13	12	11	6	12	8	4	5	7	3	5	1
151. Congenital debility, icterus, and sclerema	81	81																51	30		81			81			12	10	11	6	12	8	3	5	7	3	3	1
152. Other diseases peculiar to early infancy	6	6																3	3		6			6			1	2					1					2
154. XII.—Old Age.																																						
Group Total	71													4	26	41		28	42	1	25	34	12	11	54	6	7	9	6	2	5	5	5	4	3	8	8	9
XIII.—Affections Produced by External Causes.																																						
Group Total	27		1				1			8	1	3	2	4	2	5		18	9		16	10	1	8	15	4	5	1	4	3	4	3	1	1	3	1	1
155. Suicide by poison	1											1							1		1				1				1								
160. Suicide by cutting or piercing instruments	1													1				1			1			1					1								
163. Other suicides	1									1								1					1		1							1					
165. Other acute poisonings	1										1							1			1			1								1					

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CAUSES OF DEATH IN THE CITY OF NIAGARA FALLS, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	209	49		3	4	1	6	5	4	22	25	26	14	15	21	13			113	96		134	72	3	99	104	6	10	49	20	22	18	15	11	17	13	9	10	15
I.—General Diseases.																																						
Group Total	51	4	1	2	1	1	4	2	1	8	11	9	4	1	1	1	..	..	18	33	..	36	15	..	21	29	1	2	23	3	7	5	4	..	1	..	1	3	2
1. Typhoid fever	3	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	2	1	..	2	1	..	1	1	..	..	..	..	1	1	1	..	..	..	..	..	..
6. Measles	2	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	2	..	..	..	..	..	2	..	..	..	..	..	..	..	..
8. Whooping cough	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	4	..	..	1	1	1	..	..	..	..	..	1	..	..	..	..	..	..	2	2	..	4	..	..	3	1	..	1	..	2	..	1	..	..	..	..	..	..	..
10. Influenza	20	1	..	1	..	..	1	..	..	7	7	2	1	..	..	..	..	..	8	12	..	10	10	..	7	13	..	..	19	..	..	1	..	..	..	..	..	..	..
18. Erysipelas	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..
20. Purulent infection and septicaemia	5	..	..	..	..	..	2	..	..	1	..	..	2	..	..	..	..	..	1	4	..	5	..	..	2	3	..	..	..	..	1	1	1	..	..	..	1	..	1
Total deaths from tuberculosis	5	..	..	..	..	..	..	1	1	..	3	..	..	..	..	..	..	..	1	4	..	5	..	..	3	2	..	..	1	1	1	..	..	..	1	..	..	..	1
28. Tuberculosis of the lungs	4	..	..	..	..	..	..	..	1	..	3	..	..	..	..	..	..	..	1	3	..	4	..	..	2	2	..	..	1	1	1	..	..	..	1	..	..	..	..
30. Tuberculous meningitis	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
37. Syphilis	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
43. Cancer and other malignant tumors of the breast	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..
45. Cancer and other malignant tumors of other organs or of organs not specified	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1	..	1	1	..	..	2	..	..	..	..	1	..	1	..	..	..	..	..	..
47. Acute articular rheumatism	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..
54. Anaemia, chlorosis	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
56. Alcoholism (acute or chronic)	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	15	2	1	..	..	..	..	..	..	2	..	1	..	2	2	3	2	..	10	5	..	10	5	..	8	7	..	..	3	1	1	1	3	1	1	..	1	2	1
61. Meningitis	3	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	2	1	..	2	1	..	3	..	..	..	..	..	1	..	1	..	..	..	..	1	..
64. Cerebral haemorrhage, apoplexy	7	..	..	..	..	..	..	..	..	..	..	..	..	1	2	2	2	..	5	2	..	5	2	..	2	5	..	..	3	..	..	1	..	1	1	..	..	1	1

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NIAGARA FALLS—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
X.—Congenital Malformations.																																						
Group Total	5	5																2	3		5			5			1	1		1					2			
150. Congenital malformations (still-births not included)	5	5																2	3		5			5			1	1		1					2			
XI.—Diseases of Early Infancy.																																						
Group Total	24	24																14	10		23	1		24			2	2	1	4			2	7	3	1	2	
151. Congenital debility, icterus, and sclerema	24	24																14	10		23	1		24			2	2	1	4			2	7	3	1	2	
154. XII.—Old Age.																																						
Group Total	11														7	4		6	5		3	7	1	1	10			1	4	1			1	1		1		2
XIII.—Affections Produced by External Causes.																																						
Group Total	23	2					1	3	1	6	4	4	1		1			16	7		11	11	1	11	10	2	1	4	3		2	1	3	2	3		1	3
165. Other acute poisonings	1										1							1			1			1													1
168. Absorption of deleterious gases (conflagration excepted)	1										1								1		1				1				1								
169. Accidental drowning	2										1	1						1	1		1	1		1	1							1		1			
170. Traumatism by firearms	4						2			1		1						2	2		1	3		2	1	1		1	1		1						1
172. Traumatism by fall	2									1		1						2			1	1			2			1									1
175. Traumatism by other crushing	5						1			3	1							4	1		2	3		3	2		1	1						2		1	
(a) Railroad	1										1							1			1			1			1										
(b) Street car																																						
(c) Automobile	2						1			1								1	1		1	1		2										2			
(d) Other crushing	2									2								2				2			2			1								1	
181. Electricity (lightning excepted)	1									1								1			1				1						1						
183. Homicide by cutting or piercing instruments	1														1			1				1			1			1									
184. Homicide by other means	2	2																1	1		2			2								1	1				
185. Fractures (cause not specified)	2						1						1					2			1	1		1	1				1				1				
186. Other external violence	2								1		1							1	1			1	1	1		1							1	1				
XIV.—Ill-Defined Diseases.																																						
Group Total	2										1		1					1	1		2			2			1	1										
187. Ill-defined organic disease	1										1							1			1			1				1									
189. Cause of death not specified or ill-defined	1												1						1		1			1			1										
Still-Births.																																						
Not included in totals	13	13																9	4		13			13			2			3				1	5		2

CAUSES OF DEATH IN THE CITY OF OTTAWA, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	1,920	560	65	31	23	14	51	40	44	134	133	120	147	205	206	146	1	966	954		1,583	291	46	1,036	837	47	184	295	213	167	156	130	148	140	116	111	136	124
I.—General Diseases.																																					
Group Total	548	90	28	14	14	7	31	19	19	64	58	40	52	63	36	12	1	259	289	....	454	80	14	306	230	12	49	126	79	47	37	35	30	30	25	32	27	31
1. Typhoid fever	10	....	..	..	..	..	..	..	1	5	1	..	1	2	..	..	..	9	1	....	8	....	2	6	4	....	....	....	1	....	1	1	..	2	2	2	1
5. Smallpox	2	....	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	2	....	....	2	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1
6. Measles	28	16	8	3	1	..	..	..	..	..	..	..	..	..	..	..	..	14	14	....	28	....	....	28	....	....	12	12	2	1	....	....	....	....	....	....	....	1
7. Scarlet fever	14	1	..	..	2	..	4	2	..	4	1	..	..	..	..	..	..	6	8	....	13	1	....	13	1	....	1	1	..	4	2	2	..	..	1	....	....	3
8. Whooping cough	35	27	5	3	..	..	..	..	..	..	..	..	..	..	..	..	..	15	20	....	34	1	....	35	....	....	4	12	8	2	2	2	1	2	1	....	....	1
9. Diphtheria and croup	53	5	4	5	9	6	20	3	..	..	..	1	..	..	..	..	..	30	23	....	51	2	....	53	....	....	5	5	6	2	4	3	7	4	5	5	6	1
10. Influenza	112	13	6	..	..	..	3	5	1	20	24	8	7	10	10	5	..	47	65	....	86	22	4	46	61	5	5	69	29	3	3	1	..	1	..	1	..	1
18. Erysipelas	5	3	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	3	2	....	4	1	....	4	1	....	....	....	....	....	....	1	1	....	....	....	....	....
20 Purulent infection and septicaemia	5	....	1	1	..	1	..	1	..	1	..	..	..	..	..	..	..	2	3	....	5	....	....	5	....	....	....	2	..	1	2	..	..	..	1	..	..	..
24. Tetanus	1	....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....
Total deaths from tuberculosis	111	2	1	2	1	..	4	5	15	29	21	13	8	8	2	..	..	47	64	....	97	12	2	66	42	3	9	9	15	14	11	6	4	11	6	11	9	6
28. Tuberculosis of the lungs	85	....	..	1	..	..	..	2	12	24	20	11	6	7	2	..	..	35	50	....	73	10	2	46	36	3	7	7	11	12	10	2	3	8	4	9	7	5
29. Acute miliary tuberculosis	3	....	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	2	1	....	1	2	....	1	2	....	....	....	....	1	..	1	....	....	1	....	....	....
30. Tuberculous meningitis	10	2	1	..	..	..	3	2	..	2	..	..	..	..	..	..	..	6	4	....	10	....	....	10	....	....	1	2	3	1	..	1	..	1	..	1	..	..
31. Abdominal tuberculosis	7	....	..	..	..	..	..	..	2	2	1	1	1	..	..	..	..	2	5	....	7	....	....	5	2	....	....	....	1	..	1	1	..	1	1	2	..	..
32. Pott's disease	2	....	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	....	2	....	....	1	1	....	....	....	....	....	....	....	1	1	....	....	1	....
34. Tuberculosis of other organs	4	....	..	..	..	..	1	1	1	..	..	..	1	..	..	..	..	1	3	....	4	....	....	3	1	....	1	....	....	....	....	....	....	....	1	....	....	1
36. Rickets	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	....	2	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....
37. Syphilis	23	20	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	11	....	23	....	....	23	....	....	3	3	4	2	4	1	..	3	..	1	1	1
39. Cancer and other malignant tumors of the buccal cavity	7	....	..	..	..	..	..	..	..	..	..	..	2	3	1	1	..	7	....	....	6	1	....	1	6	....	..	2	....	....	....	1	2	....	....	1	1	....
40. Cancer and other malignant tumors of the stomach, liver	35	....	..	..	..	..	..	..	..	..	1	4	4	15	9	2	..	23	12	....	26	8	1	3	31	1	4	2	3	4	2	8	2	..	2	5	2	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	15	....	..	..	..	..	..	..	..	1	1	3	3	3	3	1	..	6	9	....	10	4	1	3	11	1	2	1	1	1	1	3	..	2	1	..	1	2
42. Cancer and other malignant tumors of the female genital organs	10	....	..	..	..	..	..	..	..	..	1	3	5	1	..	..	..	....	10	....	6	3	1	....	10	....	1	1	2	..	..	2	..	2	..	..	1	1	....
43. Cancer and other malignant tumors of the breast	4	....	..	..	..	..	..	..	..	..	1	..	2	..	1	..	..	....	4	....	3	1	....	2	2	....	....	1	..	1	..	1	..	..	..	1	..	..	1

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
44. Cancer and other malignant tumors of the skin	2												1		1			1	1			2			2										1	1	
45. Cancer and other malignant tumors of other organs or of organs not specified	27										2	1	6	12	4	2		13	14		19	8		3	24		2	2	2	3	3	2	3	2	3	1	1	3
46. Other tumors (tumors of the female genital organs excepted)	1							1											1		1			1							1						
48. Chronic rheumatism and gout	9									1	2	1	3	1	1			3	6		7	2		2	7			2		4		1			1		1
50. Diabetes	13						1					2	4	3	2	1		4	9		9	4		3	10		1	1	1	1	1		3		1	1	1	2
51. Exophthalmic goitre	1									1									1				1		1										1		
53. Leuchaemia	1									1								1				1			1					1							
54. Anaemia, chlorosis	17	1						1	1	2	1		3	5	2		1	8	9		9	7	1	4	13			1	2	2			4	3	1	1	1	2
55. Other general diseases	2											1	1					1	1		2				2						2						
56. Alcholism (acute or chronic)	3										1	1	1					3			2		1	1	1	1				1						1	1
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	125	19	6	1		2	1	1	3	3	4	11	15	21	24	14		66	59		98	23	4	54	67	4	9	19	6	12	13	9	10	15	4	5	12	11
60. Encephalitis	7	3	1			1				2								4	3		6	1		6	1		2	1		1	1		1	1				
61. Meningitis	12	7		1				1	1		1		1					8	4		11	1		10	2				1	1	2	1	3	2				2
63. Other diseases of the spinal cord	3												2					1	2		3			1	2											1		2
64. Cerebral haemorrhage, apoplexy	48	1											3	9	12	18	5	20	28		33	13	2	8	39	1	5	6	2	5	6	2	3	6	2	4	4	3
65. Softening of the brain	1																1	1			1				1			1										
66. Paralysis without specified cause	27							1			1	2	3	8	6	6		14	13		17	8	2	6	18	3	1	6		4	2		2	4	2	1	4	1
69. Epilepsy	7										2	3	2					3	4		7			5	2		1					2	1	1		2	
70 Convulsions (non-puerperal)	2					1										1		2			2			2								2					
71. Convulsions of infants	13	8	4			1												9	4		13			13				3	3	1	1	2					3
74. Other diseases of the nervous system	4							1	1				1	1				3	1		4			2	2			1			1			1		1	
75. Diseases of the ears	1		1															1			1			1				1									
III.—Diseases of the Circulatory System.																																						
Group Total	225	3	2		1		1	7		5	6	20	21	36	71	52		116	109		149	68	8	39	181	5	29	24	22	23	22	15	18	17	9	18	17	11
77. Pericarditis	2		1												1			1	1		1	1		1	1						1		1				
78. Acute endocarditis	8		1				1	2		4								5	3		8			6	2		2		1						2	2	1
79. Organic diseases of the heart	137	2						5			5	18	13	22	45	27		66	71		91	40	6	23	110	4	15	17	17	13	15	9	14	10	5	8	7	7
80. Angina pectoris	4												1		2	1		3	1		3	1		1	3			1		1	1				1		
81. Diseases of the arteries, atheroma, aneurism, etc.	67										1	1	7	13	21	24		39	28		40	25	2	4	62	1	11	6	3	9	4	4	4	5	4	6	8	3
82. Embolism and thrombosis	3				1							1			1				3		2	1		2	1				1						1		
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	2									1					1			2			2			1	1							1		1			
84. Diseases of the lymphatic system (lymphangitis, etc.)	1	1																	1		1			1								1					
85. Haemorrhage; other diseases of the circulatory system	1													1				1			1				1		1										

| | | |

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VII.—The Puerperal State.																																						
Group Total	27	....	..	..	..	..	..	..	4	11	8	4	....	..	..	..	..	....	27	....	19	8	....	4	23	....	2	4	4	1	4	2	4	1	2	..	1	2
134. Accidents of pregnancy	2	....	..	..	..	..	..	..	..	2	..	..	....	..	..	..	..	....	2	....	2	....	....	....	2	....	..	..	..	..	..	..	1	..	..	..	..	1
135. Puerperal haemorrhage	2	....	..	..	..	..	..	..	..	....	1	1	....	..	..	..	..	....	2	....	1	1	....	....	2	....	..	..	..	..	..	..	1	..	..	..	..	1
136. Other accidents of labor	1	....	..	..	..	..	..	..	..	....	..	1	....	..	..	..	..	....	1	....	1	....	....	....	1	....	..	..	1	..	..	..	..	..	..	..	..	..
137. Puerperal septicaemia	11	....	..	..	..	..	..	1	4	4	2	....	..	..	..	..	..	....	11	....	8	3	....	2	9	....	1	2	3	1	1	1	1	..	1	..	..	..
138. Puerperal albuminuria and convulsions	8	....	..	..	..	..	..	2	4	2	..	....	..	..	..	..	..	....	8	....	5	3	....	2	6	....	1	1	..	..	2	..	1	1	1	..	1	..
139. Puerperal phlegmasia abla dolens, embolus, sudden death	3	....	..	..	..	..	..	1	1	1	..	....	..	..	..	..	..	....	3	....	2	1	....	....	3	....	..	1	..	..	1	1	..	..	..	..	..	..
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	13	2	..	1	..	..	..	..	..	..	..	1	1	2	4	2	..	9	4	....	10	2	1	3	9	1	2	1	2	2	..	1	1	2	..	..	1	1
142. Gangrene	7	....	..	..	..	..	..	..	..	..	..	..	1	2	3	1	..	4	3	....	5	2	....	....	6	1	1	1	..	1	..	1	1	1	..	..	1	..
144. Acute abcess	5	2	..	1	..	..	..	..	..	..	..	1	....	..	1	..	..	4	1	....	5	....	....	3	2	....	..	..	2	1	..	..	..	1	..	..	..	1
145. Other diseases of the skin and annexa	1	....	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	....	....	....	....	1	....	1	....	1	..	..	..	..	..	..	..	..	..	..	..
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	5	1	..	..	..	1	1	1	..	..	..	..	1	..	..	..	..	4	1	....	5	....	....	4	1	....	1	..	..	2	..	..	..	1	..	1	..	..
146. Diseases of the bones (tuberculosis excepted)	4	1	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	4	....	....	4	....	....	4	....	....	..	..	..	2	..	..	..	1	..	1	..	..
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1	....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	....	1	....	1	....	....	....	1	....	1	..	..	..	..	..	..	..	..	..	..	..
X.—Congenital Malformations.																																						
Group Total	20	19	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	6	14	....	20	....	....	20	....	....	3	1	..	1	1	..	4	..	2	2	4	2
150. Congenital malformations (still-births not included)	20	19	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	6	14	....	20	....	....	20	....	....	3	1	..	1	1	..	4	..	2	2	4	2
XI.—Diseases of Early Infancy.																																						
Group Total	221	221	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	136	85	....	221	....	....	221	....	....	21	28	19	22	15	19	19	13	18	12	23	12
151. Congenital debility, icterus, and sclerema	203	203	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	129	74	....	203	....	....	203	....	....	20	26	19	21	15	17	19	11	16	11	22	6
152. Other diseases peculiar to early infancy	16	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	10	....	16	....	....	16	....	....	1	2	..	1	..	2	..	2	..	1	1	6
153. Lack of care	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	....	2	....	....	2	....	....	..	..	..	..	..	..	..	..	2	..	..	..

| 154. | XII.—Old Age. | | |

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	188	36	5	1	1	1	2	3	4	10	18	19	14	27	26	21		92	96		150	37	1	74	114		14	28	24	12	19	14	7	10	17	13	10	20
I.—General Diseases.																																					
Group Total	57	6	..	1	..	..	2	1	1	6	9	10	4	9	6	2	..	19	38	....	50	7	....	23	34	....	3	12	9	3	7	5	1	2	1	6	3	5
8. Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	..	..	..	1
9. Diphtheria and croup	2	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	2	....	2	....	....	1	1	....	..	..	..	..	..	1	..	..	1	..	..	..
10. Influenza	14	2	..	1	..	..	..	..	..	2	5	..	..	2	2	..	..	5	9	....	13	1	....	9	5	....	..	..	5	6	1	1	..	..	..	..	1	..
18. Erysipelas	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	..	1	..	..
Total deaths from tuberculosis	14	2	..	..	..	..	..	..	1	4	2	3	1	1	..	..	..	5	9	....	14	....	....	5	9	....	2	4	..	..	1	1	..	1	..	1	1	3
28. Tuberculosis of the lungs	10	1	..	..	..	..	..	..	1	3	2	2	1	..	..	..	..	3	7	....	10	....	....	3	7	....	..	3	..	..	1	1	..	1	1	2	..
30. Tuberculous meningitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	..	..	..	..	..	..	..	..	..	..
31. Abdominal tuberculosis	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	1	....	2	....	....	1	1	....	1	..	..	..	..	..	..	..	..	..	..	1
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	1	....	....	..	1	....	1	..	..	..	..	..	..	..	..	..	..	..
36. Rickets	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	..	1	....	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	4	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	1	3	....	4	....	....	1	3	....	..	1	..	..	..	1	..	..	1	..	..	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	1	....	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..
43. Cancer and other malignant tumors of the breast	4	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	4	....	4	....	....	2	2	....	..	..	..	..	..	1	1	..	1	..	1	..
45. Cancer and other malignant tumors of other organs or of organs not specified	5	..	..	..	..	..	..	..	..	1	..	..	3	1	..	..	..	3	2	....	3	2	....	..	5	....	..	..	2	..	1	1	..	..	..	1	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	..	....	..	..	..	1	..	..	..	..	..	..	..	..
48. Chronic rheumatism and gout	2	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	2	....	2	....	....	..	2	....	..	..	..	..	1	1	..	..	..	..	..	..
50. Diabetes	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	....	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..
51. Exophthalmic goitre	2	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	2	....	..	2	....	..	2	....	..	..	..	..	..	..	1	..	..	1	..	..
54 Anaemia, chlorosis	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2	....	1	1	....	1	1	....	..	1	..	..	1	..	..	..	..	..	..	..
56. Alcoholism (acute or chronic)	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	1	....	....	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..

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OWEN SOUND—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VII.—The Puerperal State.																																						
Group Total	3									1	2								3		3				3			1			1							1
136. Other accidents of labor	1										1								1		1				1			1										
137. Puerperal septicaemia	2									1	1								2		2				2						1							1
X.—Congenital Malformations.																																						
Group Total	3	2			1													1	2		3			3					1		1					1	
150. Congenital malformations (still-births not included)	3	2			1													1	2		3			3					1		1					1	
XI.—Diseases of Early Infancy.																																						
Group Total	20	20																15	5		20			20			2		1		1	4	1	1	5	2	1	2
151. Congenital debility, icterus, and sclerema	16	16																12	4		16			16			2		1			3	1	1	3	2	1	2
152. Other diseases peculiar to early infancy	4	4																3	1		4			4							1	1			2			
154. XII.—Old Age.																																						
Group Total	13													1	6	6		8	5		6	6	1		13		1	2			1		1		2		2	4
XIII.—Affections Produced by External Causes.																																						
Group Total	3										2					1		1	2		2	1			3		1				1				1			
165. Other acute poisonings	2										2							1	1		1	1			2						1				1			
185. Fractures (cause not specified)	1															1			1		1				1		1											
Still-Births.																																						
Not included in totals	13	13																5	8		13			13			1	1	3		1			2	2	1	2	

CAUSES OF DEATH IN THE CITY OF PETERBOROUGH, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	338	53	4	4	1	4	6	4	12	22	32	28	29	33	57	49		168	170		254	83	1	131	203	4	30	39	44	27	28	17	33	27	16	37	16	24
I.—General Diseases.																																						
Group Total	105	4	2	3	..	..	2	2	4	8	19	13	15	9	19	5	..	53	52	....	81	24	....	35	69	1	10	15	20	10	10	5	9	5	..	12	4	5
5. Smallpox	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	..	1	1	....	1	1	....	....	2	....	1	1	....	....	....	....	....	....	....	....	....	....	....
6. Measles	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	..	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....
8. Whooping cough	3	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	..	3	....	....	3	....	....	3	....	....	....	1	....	....	1	....	1	....	....	....	....	....
9. Diphtheria and croup	3	....	....	1	....	....	....	1	1	....	....	....	....	....	....	....	..	1	2	....	3	....	....	3	....	....	1	1	1	....	....	....	....	....	....	....	....	....
10. Influenza	19	2	..	1	....	....	....	....	....	..	5	3	1	3	..	2	2	10	9	....	11	8	....	7	12	....	2	5	11	1	....	....	....	....	....	....	....	....
20. Purulent infection and septicaemia	5	....	....	1	....	....	....	....	....	1	....	1	1	....	....	1	..	3	2	....	5	....	....	2	3	....	2	....	....	1	....	....	1	....	....	....	....	1
Total deaths from tuberculosis	20	....	....	....	....	....	1	..	2	3	5	7	1	1	....	....	..	10	10	....	19	1	..	10	10	..	3	2	3	2	1	2	2	1	..	3	1	..
28. Tuberculosis of the lungs	19	....	....	....	....	....	....	....	2	3	5	7	1	1	....	....	..	9	10	....	18	1	..	9	10	....	3	2	3	2	1	2	2	1	..	2	1	..
31. Abdominal tuberculosis	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	..	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	..
37. Syphilis	2	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	..	1	1	....	2	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	2	..
40. Cancer and other malignant tumors of the stomach, liver	13	....	....	....	....	....	....	....	....	....	..	1	2	1	8	1	..	5	8	....	8	5	....	3	10	....	....	....	2	3	2	2	....	..	3	..	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	9	....	....	....	....	....	....	....	....	....	1	1	4	1	2	....	..	6	3	....	6	3	....	1	8	....	1	2	3	....	..	1	1	1	....	....	....	..
42. Cancer and other malignant tumors of the female genital organs	2	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	..	....	2	....	2	....	....	....	2	....	....	....	....	....	1	1	....	....	....	....	....	..
43. Cancer and other malignant tumors of the breast	3	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	..	....	3	....	2	1	....	....	3	....	..	1	1	1	....	....	....	....	....	....	....	..
45. Cancer and other malignant tumors of other organs or of organs not specified	8	....	....	....	....	....	....	....	....	....	1	1	2	1	2	1	..	6	2	....	7	1	....	1	7	....	....	....	1	2	2	....	1	....	1	1	..
46. Other tumors (tumors of the female genital organs excepted)	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	..	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	..
47. Acute articular rheumatism	2	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	..	1	1	....	1	1	....	....	2	....	....	....	....	....	....	....	1	....	....	....	1	..
48. Chronic rheumatism and gout	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	..	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	..
50. Diabetes	5	....	....	....	....	....	....	1	....	....	1	1	....	....	2	....	..	2	3	....	3	2	....	1	4	....	....	1	....	....	1	....	....	....	....	1	....	..
54. Anaemia, chlorosis	5	....	....	....	....	....	....	....	....	....	....	....	3	2	....	....	..	3	2	....	4	1	....	1	3	1	..	1	....	....	1	..	1	1	....	....	2	..	1
55. Other general diseases	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	..	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	..	1

PETERBOROUGH—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	27	4				1			2	2	2			4	8	2		15	12		21	6		11	15	1	5	1	2	7	1	2	2	2		1		4
60. Encephalitis	4								1	1		1	1					2	2		3	1		1	3		2		2									
61. Meningitis	2	2																	2		2			2							1		1					
62. Locomotor ataxia	1														1			1			1			1														1
64. Cerebral haemorrhage, apoplexy	11								1		1			2	6	1		6	5		8	3		2	8	1	2	1		4			2			1		1
66. Paralysis without specified cause	4					1								1	1	1		2	2		2	2		1	3		1			1				1				1
69. Epilepsy	1																		1		1			1								1						
70. Convulsions (non-puerperal)	1									1											1			1							1							
71. Convulsions of infants	2	2											1					2			2			2						1								
76. Diseases of the ears	1													1				1			1				1									1				1
III.—Diseases of the Circulatory System																																						
Group Total	44					1		1	1	1	2	6	7	10	8	8		25	19		28	16		6	37	1	1	4	4	2	8	1	5	5	1	6	5	2
78. Acute endocarditis	4					1		1		1	1							2	2		4			3	1						2						2	
79. Organic diseases of the heart	20										1	4	5	5	2	3		9	11		14	6		2	17	1	1	3	2		3	1	1	2	1	3	2	1
80. Angina pectoris	2											1		1				1	1		2				2								1			1		
81. Diseases of the arteries, atheroma, aneurism, etc.	17											1	2	4	5	5		13	4		7	10		1	16			1	2	2	3		3	2		2	1	1
82. Embolism and thrombosis	1														1				1		1				1									1				
IV.—Diseases of the Respiratory System																																						
Group Total	34	3	1	1	1	1	2	1	3	1	2	2		5	6	5		17	17		26	8		15	18	1	5	6	6	4		3	2		2	2	1	3
89. Acute bronchitis	1									1									1		1			1			1											
90. Chronic bronchitis	1																	1			1				1		1											
91. Broncho-pneumonia	5	2				1								1	1			2	3		3	2		3	2				2						1		1
92. Pneumonia	24	1	1	1	1		2	1	3			2	2		3	4	3	12	12		20	4		11	12	1	3	4	4	4		3	2			1	1	2
93. Pleurisy	1														1			1				1			1			1										
96. Asthma	1															1			1		1				1			1										
97. Pulmonary emphysema	1															1		1				1			1										1			
V.—Diseases of the Digestive System.																																						
Group Total	34	16				1	1		2	1		3	4	2	4			15	19		33	1		22	12			4	1	2	2	2	2	5	5	6	3	2
102. Ulcer of the stomach	1											1						1			1			1							1							
104. Diarrhoea and enteritis (under 2 years)	12	12																5	7		12			12										3	5	2	1	
105. Diarrhoea and enteritis (2 years and over)	1														1				1		1				1											1		
108. Appendicitis and typhlitis	6					1	1		1	1		1	1					4	2		6			4	2		1	1	1	1	1							1
109. Hernia, intestinal obstructions	8	2							1					2	3			4	4		7	1		3	5		1				1		2		2	1	1
110. Diseases of the intestines	2	2																1	1		2			2			1					1					
113. Cirrhosis of the liver	1											1							1		1				1											1	
114. Biliary calculi	1												1						1		1				1			1									
115. Other diseases of the liver	2												2						2		2				2								1		1		

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PETERBOROUGH—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
154. XII.—Old Age.																																						
Group Total	34													1	6	27		16	18		14	19	1	6	28		2	5	6			2	4	4	4	4	1	2
XIII.– Affections Produced by External Causes.																																						
Group Total	14	1	1			1				4	2	1	2	1		1		11	3		11	3		7	7		1		1	1		1	2	3	1	2		2
164. Poisoning by food	1					1													1		1			1			1											
167. Burns (conflagration excepted)	2		1											1				2			2			1	1										1		1
169. Accidental drowning	3									3								3			1	2		3							1	1	1				
170. Traumatism by firearms	1									1								1			1			1										1			
171. Traumatism by cutting or piercing instruments	2									1		1						2			2				2						1						1
172. Traumatism by fall	1	1																1			1			1								1					
185. Fractures (cause not specified)	3										1	1				1		1	2		2	1			3					1			1		1		
186. Other external violence	1												1					1			1				1												
XIV.—Ill-Defined Diseases.																																						
Group Total	2									1	1								2		2			1	1								1	1				
189. Cause of death not specified or ill-defined	2									1	1								2		2			1	1								1	1				
Still-Births.																																						
Not included in totals	30	30																19	11		30			30			6	2	8			2	2	1	3	5	1	1

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	312	73	8	5	4	14	3	9	32	50	33	27	26	15	8	5	183	129		186	102	24	150	137	25	25	71	30	19	20	19	18	18	26	25	26	15
I.—General Diseases.																																						
Group Total	113	5	4	2	1	..	7	3	4	14	30	14	11	7	7	2	2	69	44	...	49	52	12	38	61	14	9	47	16	7	4	5	2	5	5	6	5	2
1. Typhoid fever	1											1						1				1			1							1						
6. Measles	4		2				2			1	2							3	1		4			4			1	3	2			3		1				
7. Scarlet fever	6			2			1											4	2		5	1		4	2		1										
9. Diphtheria and croup	2				1			1					1					1	1		2			2								1	1				
10 Influenza	56	4	1				1	1	3	10	23	7	2		2		2	34	22		21	28	7	18	29	9	1	41	11	3								
18. Erysipelas	2											1				1			2		1	1			2		2											
Total deaths from tuberculosis	20	1					2		1	2	5		5	3	1			12	8		9	10	1	5	15		4	1	1	3	1			1	4	4	1	
28. Tuberculosis of the lungs	17						1		1	2	5		5	2	1			10	7		7	9	1	3	14		4	1	1	3	1			1	3	2	1	
30. Tuberculous meningitis	2	1					1											1	1		2			2											1	1		
31. Abdominal tuberculosis	1													1				1				1			1											1		
36. Rickets	1		1																1		1			1							1						
40. Cancer and other malignant tumors of the stomach, liver	3												1	1	1			3				2	1	1	1	1							1			1	1
42. Cancer and other malignant tumors of the female genital organs	1												1						1			1			1		1										
43. Cancer and other malignant tumors of the breast	1											1							1			1			1						1						
44 Cancer and other malignant tumors of the skin	1													1				1				1			1												
45. Cancer and other malignant tumors of other organs or of organs not specified	4										2			1	1			1	3		2	2			3	1	1			1		1	1				
47. Acute articular rheumatism	3						1	1						1				2	1		1	1	1	2	1		1	1								1	
50. Diabetes	1													1				1				1			1												1
53. Leuchaemia	3											1	1	1				2	1		1	2		1	2				1	1						1	
54. Anaemia, chlorosis	3									1			1		1			3			2	1			2	1					1				2		
56. Alcoholism (acute or chronic)	1											1						1				1			1										1		

PORT ARTHUR—Continued.

Number of Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	21	5	..	..	..	..	2	..	..	1	1	1	3	5	3	..	..	9	12	....	15	6	....	10	10	1	..	3	2	1	..	..	4	1	3	2	4	1
61. Meningitis	4	2	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	3	1	....	4	....	....	4	....	....	..	..	..	1	..	..	..	1	1	1	..	..
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	..	....	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
64. Cerebral haemorrhage, apoplexy	9	..	..	..	..	..	..	..	..	..	..	1	2	4	2	..	..	2	7	....	4	5	....	1	7	1	..	2	1	..	..	..	3	..	1	..	2	..
66. Paralysis without specified cause	3	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	1	2	....	2	1	....	1	2	..	..	..	1	..	..	..	..	..	1	..	1	..
71. Convulsions of infants	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	....	3	..	....	3	..	..	..	..	..	..	..	..	1	..	..	..	1	1
74 Other diseases of the nervous system	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
III.—Diseases of the Circulatory System.																																						
Group Total	19	1	..	..	..	..	..	..	1	2	3	2	3	5	1	1	..	12	7	....	10	6	3	5	13	1	1	1	1	..	6	..	1	2	2	2	2	1
79. Organic diseases of the heart	8	..	..	..	..	..	..	..	..	1	2	1	2	1	1	..	..	5	3	....	4	1	3	2	6	..	..	1	..	..	2	..	..	2	1	..	2	..
80. Angina pectoris	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	....	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
81. Diseases of the arteries, atheroma, aneurism, etc.	6	..	..	..	..	..	..	..	..	..	..	..	1	4	..	1	.	4	2	....	2	4	....	..	5	1	..	..	..	..	2	..	1	..	1	2	..	..
82. Embolism and thrombosis	2	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	..	....	2	..	....	1	1	..	..	..	..	..	1	..	..	..	..	..	..	1
84. Diseases of the lymphatic system (lymphangitis, etc.)	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	....	..	1	....	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
85. Haemorrhage; other diseases of the circulatory system	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of the Respiratory System.																																						
Group Total	37	7	2	2	1	..	1	..	..	2	5	5	5	3	1	2	1	22	15	....	22	13	2	17	15	5	7	8	3	3	2	2	1	2	2	..	5	2
87. Diseases of the larynx	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
89. Acute bronchitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
91. Broncho-pneumonia	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
92. Pneumonia	31	6	1	2	..	..	1	..	..	1	5	4	5	2	1	2	1	21	10	....	18	11	2	14	12	5	4	7	3	3	2	2	..	1	2	..	5	2
96. Asthma	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
98. Other diseases of the respiratory system (tuberculosis excepted)	2	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	1	....	..	2	....	..	2	..	..	..	..	..	..	..	1	1	..	..	..	..
V.—Diseases of the Digestive System.																																						
Group Total	31	17	2	1	1	..	3	..	..	2	1	2	1	..	..	1	..	17	14	....	27	3	1	25	6	....	1	1	4	2	3	2	2	2	7	5	..	2
99. Diseases of the mouth and annexa	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
102. Ulcer of the stomach	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
103. Other diseases of the stomach (cancer excepted.)	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	....	1	..	....	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..
104. Diarrhoea and enteritis (under 2 years)	17	15	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	6	....	17	..	....	17	..	..	..	..	2	..	2	2	..	2	5	3	..	1

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PORT ARTHUR—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	23				1		1			6	5	6	2				2	22	1		8	12	3	8	13	2		1		3	1	4	1	2	3	3	2	3
160. Suicide by cutting or piercing instruments	2											2						2				2			2													
167. Burns (conflagration excepted)	1												1					1				1			1							1						
168. Absorption of deleterious gases (conflagration excepted)	1						1											1			1			1													1
169. Accidental drowning	3										2						1	3			2		1	1	2							1	1		1			
170. Traumatism by firearms	2											1					1	2				1	1	1		1			1							1	
172. Traumatism by fall	2											1	1					2			1	1		1	1			1						1			
175. Traumatism by other crushing	4				1					2	1							3	1		2	2		3	1					2						1	1
(a) Railroad	2									1	1							2				2		1	1					1						1	
(b) Street car	1									1								1			1			1						1							
(c) Automobile	1				1														1		1			1													1
(d) Other crushing																																						
181. Electricity (lightning excepted)	2									2								2			1		1		1									1	1		
185. Fractures (cause not specified)	3									1	1	1						3			1	2			3							1						
186. Other external violence	3									1	1	1						3				3		1	2										1		1
XIV.—Ill-Defined Diseases.																																						
Group Total	8									1	2	1	1		2	1		6	2		6	1	1	4	3	1		1	1						2	2	2	
189. Cause of death not specified or ill-defined	8									1	2	1	1		2	1		6	2		6	1	1	4	3	1		1	1						2	2	2	
Still-Births.																																						
Not included in totals	24	24																16	8		24			24			2	6		1	2	1	4	1	1	1	5	

CAUSES OF DEATH IN THE CITY OF ST. CATHARINES, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	292	61	6	3	4	5	6	9	5	29	29	30	23	29	27	26		147	145		200	91	1	133	154	5	25	48	37	27	24	19	23	15	21	15	17	21
I.—General Diseases.																																						
Group Total	79	1	1	1	..	2	4	4	2	17	16	12	9	6	2	2	..	35	44	....	46	33	....	27	49	3	6	21	13	2	5	7	6	5	3	4	4	3
1. Typhoid fever	4	....	....	....	....	....	....	....	....	2	2	..	....	....	....	....	..	3	1	....	3	1	....	1	2	1	..	1	....	....	....	....	1	....	....	1	1	..
9. Diphtheria and croup	7	....	....	1	..	2	3	1	....	....	....	....	....	....	....	....	..	5	2	....	7	....	....	7	....	1	..	5	..	1	....	....	....	....	....	....	....	..
10. Influenza	16	....	1	..	....	....	....	....	....	5	3	3	2	1	1	....	..	8	8	....	8	8	....	2	13	1	..	10	5	..	....	....	....	....	....	....	....	..
20. Purulent infection and septicaemia	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	..	1	....	....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	..
Total deaths from tuberculosis	21	....	....	....	....	....	1	1	2	6	4	6	1	....	....	....	..	7	14	....	14	7	....	10	11	....	1	1	5	1	1	3	4	2	2	..	1	..
28. Tuberculosis of the lungs	15	....	....	....	....	....	....	....	1	6	4	3	1	....	....	....	..	4	11	....	9	6	....	7	8	....	1	1	4	1	1	2	3	..	2	....	....	..
30. Tuberculous meningitis	3	....	....	....	....	1	..	1	....	....	....	1	....	....	....	....	..	1	2	....	2	1	....	2	1	....	....	....	1	....	....	....	1	....	....	....	1	..
31. Abdominal tuberculosis	3	....	....	....	....	....	....	1	....	....	....	2	....	....	....	....	..	2	1	....	3	....	....	1	2	....	....	....	....	....	....	1	1	1	....	....	....	..
37. Syphilis	3	1	....	....	....	....	....	....	....	....	1	1	....	....	....	....	..	....	3	....	2	1	....	1	2	....	....	1	....	....	....	2	....	....	....	....	....	..
38. Gonococcus infection	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	..	1	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	..
40. Cancer and other malignant tumors of the stomach, liver	4	....	....	....	....	....	....	....	....	....	1	....	1	1	..	1	..	1	3	....	1	3	....	....	4	....	..	1	....	....	....	....	....	1	....	....	1	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	....	....	....	....	....	....	....	....	....	1	..	1	....	....	....	..	....	2	....	1	1	....	....	2	....	....	....	....	....	....	....	....	1	....	....	....	1
42. Cancer and other malignant tumors of the female genital organs	3	....	....	....	....	....	....	....	....	....	1	..	....	1	..	1	..	....	3	....	1	2	....	1	2	....	..	1	....	....	....	....	1	1	....	....	....	..
43. Cancer and other malignant tumors of the breast	2	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	..	....	2	....	1	1	....	1	1	....	....	....	1	....	....	....	....	1	....	....	....	..
45. Cancer and other malignant tumors of other organs or of organs not specified	3	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	..	2	1	....	1	2	....	....	3	....	1	1	1	....	....	....	....	....	....	....	....	..
46. Other tumors (tumors of the female genital organs excepted)	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	..	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	..
47. Acute articular rheumatism	2	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	..	....	2	....	....	2	....	1	1	....	..	1	1	....	....	....	....	....	1	....	....	..
50. Diabetes	3	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	..	1	2	....	3	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	..
51. Exophthalmic goitre	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	..	1	....	....	1	....	....	1	....	....	....	....	....	....	....	1	1	....	....	....	....	..
55. Other general diseases	2	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	..	1	1	....	1	1	....	2	....	....	....	....	....	....	....	1	....	....	....	2	....	..
56. Alcoholism (acute or chronic)	3	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	..	3	....	....	2	1	....	....	2	1	....	....	....	....	....	....	....	....	....	1	1	..

ST. CATHARINES—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	28	7	..	..	1	..	..	..	..	1	3	2	1	3	7	3	..	13	15	....	23	5	....	13	15	....	2	1	5	4	3	2	3	1	..	2	4	1
61. Meningitis	1	....	..	..	1	..	..	..	..	....	..	..	....	..	..	..	..	....	1	....	1	....	....	1	....	....	..	..	..	1	..	..	..	..	..	..	..	..
63. Other diseases of the spinal cord	1	....	..	..	..	..	..	..	..	1	..	..	....	..	..	..	..	....	1	....	1	....	....	1	....	....	..	..	1	..	..	..	..	..	..	..	..	..
64. Cerebral haemorrhage, apoplexy	13	....	..	..	..	..	..	..	..	....	1	1	1	3	5	2	..	5	8	....	11	2	....	2	11	....	..	1	2	2	2	..	1	1	..	1	3	..
66. Paralysis without specified cause	3	....	..	..	..	..	..	..	..	....	..	1	....	..	1	1	..	2	1	....	1	2	....	1	2	....	..	..	1	..	1	..	..	..	..	..	1	..
69. Epilepsy	2	....	..	..	..	..	..	..	..	1	..	..	....	..	1	..	..	1	1	....	2	....	....	1	1	....	..	..	1	..	..	..	..	..	..	1	..	..
71. Convulsions of infants	7	7	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	4	3	....	6	1	....	7	....	....	1	..	..	1	..	2	2	..	..	..	..	1
74. Other diseases of the nervous system	1	....	..	..	..	..	..	..	..	....	1	..	....	..	..	..	..	1	....	....	1	....	....	....	1	....	1	..	..	..	..	..	..	..	..	..	..	..
III.—Diseases of the Circulatory System.																																						
Group Total	28	....	..	..	..	..	..	1	..	....	1	2	5	7	8	4	..	17	11	....	14	14	....	4	23	1	2	5	2	4	4	..	2	2	1	..	2	4
78. Acute endocarditis	1	....	..	..	..	..	..	1	..	....	..	..	....	..	..	..	..	....	1	....	1	....	....	1	....	....	..	..	..	1	..	..	..	..	..	..	..	..
79. Organic diseases of the heart	23	....	..	..	..	..	..	..	..	....	1	1	4	6	7	4	..	13	10	....	10	13	....	1	21	1	2	4	1	4	3	..	1	2	1	..	2	3
80. Angina pectoris	1	....	..	..	..	..	..	..	..	....	..	1	....	..	..	..	..	1	....	....	....	1	....	1	....	....	..	..	..	..	..	..	..	1	..	..	..	..
81. Diseases of the arteries, atheroma, aneurism, etc	3	....	..	..	..	..	..	..	..	....	..	..	1	1	1	..	..	3	....	....	3	....	....	1	2	....	..	..	1	..	..	1	..	..	..	..	..	1
IV.—Diseases of the Respiratory System.																																						
Group Total	37	5	2	2	..	1	..	2	..	1	4	3	4	7	3	3	..	15	22	....	24	13	....	14	23	....	3	8	5	6	5	3	..	..	1	1	3	2
90. Chronic bronchitis	4	....	..	..	..	..	..	..	..	....	..	..	1	2	..	1	..	1	3	....	2	2	....	....	4	....	..	2	..	1	1	..	..	..	..	..	..	..
91. Broncho-pneumonia	12	2	1	1	..	1	..	..	..	1	..	2	....	3	..	1	..	3	9	....	9	3	....	6	6	....	1	1	3	2	2	..	..	..	..	1	1	1
92. Pneumonia	18	3	1	1	..	..	..	2	..	....	3	1	2	2	3	..	..	9	9	....	13	5	....	7	11	....	2	5	2	3	1	3	..	..	..	..	1	1
94. Pulmonary congestion, pulmonary apoplexy	1	....	..	..	..	..	..	..	..	....	1	..	....	..	..	..	..	1	....	....	....	1	....	1	....	....	..	..	..	..	..	..	..	..	..	1	..	..
96. Asthma	2	....	..	..	..	..	..	..	..	....	..	..	1	..	..	1	..	1	1	....	....	2	....	....	2	....	..	..	..	..	1	..	..	..	..	..	1	..
V.—Diseases of the Digestive System.																																						
Group Total	30	8	2	..	2	1	..	1	1	4	2	4	3	..	2	....	..	13	17	....	23	7	....	20	10	....	3	4	2	1	1	2	..	2	10	2	2	1
100. Diseases of the pharynx	2	....	..	..	..	..	..	..	1	..	1	..	....	..	..	..	..	1	1	....	1	1	....	2	....	....	..	..	..	..	..	..	..	..	1	..	1	..
102. Ulcer of the stomach	1	....	..	..	..	..	..	..	..	....	1	..	....	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	..	1	..	..	..	..	..	..	..	..
103. Other diseases of the stomach (cancer excepted)	1	....	..	..	..	..	..	..	..	....	..	1	....	..	..	..	..	....	1	....	1	....	....	1	....	....	..	..	1	..	..	..	..	..	..	..	..	..
104. Diarrhoea and enteritis (under 2 years)	10	8	2	..	..	..	..	..	..	....	..	..	....	..	..	..	..	5	5	....	10	....	....	10	....	....	..	1	1	..	..	..	..	..	1	5	2	..
105. Diarrhoea and enteritis (2 years and over	2	....	..	..	2	..	..	..	..	....	..	..	....	..	..	..	..	1	1	....	2	....	....	2	....	....	..	..	..	..	..	..	..	..	..	2	..	..

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ST. CATHARINES—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	14	....	1	..	1	..	2	1	2	3	1	3	....	..	..	..	..	11	3	....	11	3	....	10	4	....	2	..	1	4	..	1	2	1	..	2	..	1
163. Other suicides	1	....	..	..	..	..	..	..	..	..	..	1	....	..	..	..	..	1	..	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
165. Other acute poisonings	1	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	1	....	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....
170. Traumatism by firearms	2	....	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2	..	....	1	1	....	1	1	....	....	....	....	....	....	1	....	....	....	....	....	1
172. Traumatism by fall	1	....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....
175. Traumatism by other crushing	2	....	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	2	..	....	2	....	....	2	....	....	1	....	....	....	....	....	....	....	....	1	....	....
(a) Railroad	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
(b) Street car	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
(c) Automobile	1	....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....
(d) Other crushing	1	....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
181. Electricity (lightning excepted)	3	....	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	3	..	....	3	....	....	2	1	....	....	....	....	....	1	....	....	1	1	....	....	....
185. Fractures (cause not specified)	1	....	..	..	..	..	..	..	..	..	..	1	....	..	..	..	..	1	..	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....
186. Other external violence	3	....	..	..	..	2	..	..	..	..	..	1	....	..	..	..	..	1	2	....	3	....	....	2	1	....	....	....	....	2	....	....	1	....	....	....	....	....
XIV.—Ill-Defined Diseases.																																						
Group Total	5	....	..	..	..	..	..	..	..	..	..	2	....	3	..	..	..	4	1	....	4	1	....	....	5	....	2	..	1	1	....	..	1	....	....	....	....	....
189. Cause of death not specified or ill-defined	5	....	..	..	..	..	..	..	..	..	..	2	....	3	..	..	..	4	1	....	4	1	....	....	5	....	2	..	1	1	....	..	1	....	....	....	....	....
Still-Births.																																						
Not included in totals	37	37	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	16	....	37	....	....	37	....	....	3	1	6	4	..	5	2	8	3	2	3	..

CAUSES OF DEATH IN THE CITY OF ST. THOMAS, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	220	38	3	4		4	7		6	19	14	13	12	33	44	19	4	114	106		162	54	4	80	117	23	21	37	22	14	19	16	20	21	13	7	11	19
I.—GENERAL DISEASES.																																					
Group Total	74	7	1	2	..	3	5	..	3	9	10	5	7	13	8	..	1	33	41	....	55	18	1	29	37	8	4	12	10	3	5	6	14	6	4	4	1	5
7. Scarlet fever	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
8. Whooping cough	9	7	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	2	7	....	9	....	....	9	....	....	....	1	1	....	1	5	1	....	....	....	....	....
9. Diphtheria and croup	7	....	....	....	3	2	....	....	....	....	1	1	....	....	....	....	....	3	4	....	7	....	....	5	2	....	....	....	....	....	....	....	....	1	4	....	....	2
10. Influenza	14	....	....	....	....	1	....	1	5	2	1	3	1	....	....	....	....	9	5	....	9	5	....	3	8	3	1	6	5	1	1	....	....	1	....	....	....	....
20. Purulent infection and septicaemia	2	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	1	....	1	1	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....
24. Tetanus	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....
Total deaths from tuberculosis	8	....	....	....	....	....	....	....	....	3	2	1	1	..	1	....	....	3	5	....	6	2	....	3	2	3	..	1	2	..	2	..	1	..	..	1	..	1
28. Tuberculosis of the lungs	8	....	....	....	....	....	....	....	....	3	2	1	1	..	1	....	....	3	5	....	6	2	....	3	2	3	..	1	2	..	2	..	1	..	..	1	..	1
39. Cancer and other malignant tumors of the buccal cavity	3	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	2	1	....	2	1	....	....	2	1	....	....	....	....	1	....	1	..	1	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	8	....	....	....	....	....	....	....	....	....	....	....	1	2	4	..	1	4	4	....	5	3	....	....	8	....	1	2	....	....	3	2	....	....	....	....	....	....
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	4	....	....	....	....	....	....	....	....	1	1	....	....	1	1	....	....	2	2	....	2	2	....	....	4	....	1	....	....	1	....	1	1	....	....	....	....	....
42. Cancer and other malignant tumors of the female genital organs	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	5	....	....	....	....	....	....	....	....	....	1	..	1	2	1	..	..	1	4	....	3	2	....	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....
48. Chronic rheumatism and gout	2	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	2	....	....	1	1	....	....	2	....	....	....	....	....	....	4	....	....	....	....	....	1
50. Diabetes	3	....	....	....	....	....	....	....	....	....	1	....	....	2	....	....	....	1	2	....	3	....	....	....	3	....	....	2	....	....	....	....	1	....	....	....	1	..
51. Exophthalmic goitre	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....
53. Leuchaemia	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1
54. Anaemia, chlorosis	4	....	....	....	....	....	....	....	1	....	1	..	....	2	....	....	....	1	3	....	4	....	....	2	2	....	1	....	1	1	1	....	....	....	....	....	....	....

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	26	2	1	1							1	3	2	2	9	3	2	15	11		18	8		6	20		2	10	3	1	3	3	2	1				1
61. Meningitis	4	2		1								1						3	1		4			3	1			2			1	1						
63. Other diseases of the spinal cord	1										1							1			1				1			1									
64. Cerebral haemorrhage, apoplexy	13											1	1	2	5	2	2	6	7		8	5		2	11		2	5			2	2	1				1
66. Paralysis without special cause	7											1	1		4	1		4	3		4	3			7			2	2	1	2						
71. Convulsions of infants	1		1															1			1			1													
III.—Diseases of the Circulatory System.																																						
Group Total	16								2			1	1	3	8	1		12	4		10	5	1	2	9	5	1	1		2	2	3		1		2		4
79. Organic diseases of the heart	12								2			1		3	5	1		9	3		8	4		2	6	4	1	1		2	2	2		1		1		2
81. Diseases of the arteries, atheroma, aneurism, etc.	4												1		3			3	1		2	1	1		3	1						1			1		2
IV.—Diseases of the Respiratory System.																																						
Group Total	20	4	1			1					1		1	4	8			7	13		17	2	1	7	10	3	2	5	1	3	3	1		1			2	2
88. Diseases of the thyroid body	1													1					1		1					1										1	
90. Chronic bronchitis	2														2				2		1		1		2			1		1							
91. Broncho-pneumonia	7	3	1			1							1		1			2	5		7			5	2		1	1			1	1		1		1	1
92. Pneumonia	9	1										1		2	5			4	5		8	1		2	6	1		3	1	2	2						1
93. Pleurisy	1													1				1				1				1	1										
V.—Diseases of the Digestive System.																																						
Group Total	10	2					1			1		2		2	2			6	4		8	2		4	5	1	2	1		1	1	1	1			2	1
100. Diseases of the pharynx	1						1												1		1			1			1										
103. Other diseases of the stomach (cancer excepted)	1														1			1			1				1								1				
104. Diarrhoea and enteritis (under 2 years)	2	2																2			1	1		2			1									1	
109. Hernia, intestinal obstructions	2											1		1				1	1		2				2											1	1
110. Diseases of the intestines	1													1				1			1				1					1							
117. Simple peritonitis (non-puerperal)	2									1				1				1	1		1	1			1		1				1						
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	1											1							1		1			1													

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ST. THOMAS—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
174. Traumatism by machines	1									1								1			1				1										1		
175. Traumatism by other crushing	4								1	2		1						4			2	2		3		1							1	1	2			
(a) Railroad	1									1								1			1			1										1				
(b) Street car																																						
(c) Automobile	2								1	1								2			1	1		2									1	1				
(d) Other crushing	1											1				1		1				1				1						1				1		
185. Fractures (cause not specified)	1																	1			1				1													
186. Other external violence	2									2								2			1	1		2										1	1			
XIV.—Ill-Defined Diseases.																																						
Group Total	7											1		4	2			6	1		3	3	1	1	4	2	2			1			1	2		1		
189. Cause of death not specified or ill-defined	7											1		4	2			6	1		3	3	1	1	4	2	2			1			1	2		1		
Still-Births.																																						
Not included in totals	18	18																11	7		18			18			1		2	3	2	2		1	2		2	3

CAUSES OF DEATH IN THE CITY OF SARNIA, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**227**	**36**	**6**	**2**		**1**	**2**	**6**	**5**	**24**	**29**	**15**	**19**	**29**	**28**	**25**		**109**	**118**		**165**	**57**	**5**	**87**	**135**	**5**	**17**	**47**	**17**	**26**	**31**	**13**	**7**		**12**	**16**	**17**	**11**
I.—General Diseases.																																						
Group Total	65	2	..	1	..	..	1	4	3	12	12	3	8	7	10	2	..	28	37	..	48	16	1	26	36	3	3	21	5	7	7	5	4	..	2	7	4	..
1. Typhoid fever	3	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	3	..	..	3	..	..	3	..	..	..	..	2	..	..	1	..	..	..	..	..	..
6. Measles	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	2	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	2	..	..	..	1	..	..	..	..	..	..	1	..	..	..
10. Influenza	19	1	..	..	..	..	1	1	..	4	5	..	2	3	1	1	..	11	8	..	10	8	1	6	12	1	..	16	1	1	..	1	..	..	..	..	..	..
20. Purulent infection and septicaemia	3	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	2	1	..	2	1	..	1	2	..	..	..	..	..	2	..	..	..	..	1	..	..
Total deaths from tuberculosis	10	..	..	..	..	..	..	..	..	5	3	..	2	..	..	..	..	4	6	..	10	..	..	5	3	2	..	..	..	2	3	..	2	..	..	2	1	..
28. Tuberculosis of the lungs	9	..	..	..	..	..	..	..	..	4	3	..	2	..	..	..	..	3	6	..	9	..	..	4	3	2	..	..	..	2	2	..	2	..	..	2	1	..
29. Acute miliary tuberculosis	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
37. Syphilis	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	5	..	..	..	..	..	1	..	..	..	..	..	..	1	3	..	..	1	4	..	5	..	..	1	4	..	..	..	..	..	2	2	..	..	1	..	..
42. Cancer and other malignant tumors of the female genital organs	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2	..	2	..	..	1	1	..	..	..	1	..	..	..	..	..	..	1	..	..
43. Cancer and other malignant tumors of the breast	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	1	1	..	..	2	..	..	..	..	1	..	..	..	..	..	..	1	..
45. Cancer and other malignant tumors of other organs or of organs not specified	3	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	1	2	..	1	2	..	..	3	..	..	..	..	..	1	1	..	..	..	1	..	..
47. Acute articular rheumatism	3	..	..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	1	2	..	2	1	..	3	..	..	1	..	..	..	..	..	..	..	..	1	1	..
48. Chronic rheumatism and gout	3	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	1	2	..	1	2	..	2	1	..	..	..	..	..	2	..	..	..	1	..	..	..
50. Diabetes	3	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	1	2	..	3	..	..	3	..	..	1	..	..	1	1	..	..	..	..	..	..	..
51. Exophthalmic goitre	3	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	1	2	..	3	..	..	3	..	..	1	1	1	..	..	..	..	..	..	..	..	..
55. Other general diseases	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..

SARNIA—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	20	3	1								1	1	3	5	3	3		10	10		12	8		5	15		1	1	2	2	5	1		3	1	1	2	1
61. Meningitis	2	1	1																2		2			2			1										1	
64. Cerebral haemorrhage, apoplexy	11	1									1		1	3	3	2		7	4		7	4		2	9			1	1	1	4			1	1		1	1
66. Paralysis without specified cause	2													1		1			2			2			2				1						1		
67. General paralysis of the insane	1													1				1				1			1						1						
68. Other forms of mental alienation	1												1						1		1				1					1							
71. Convulsions of infants	1	1																1			1			1							1						
74. Other diseases of the nervous system	1												1						1			1			1								1				
76. Diseases of the ears	1										1							1			1				1								1				
III.—Diseases of the Circulatory System.																																						
Group Total	15									1		1	1	3	6	3		6	9		11	3	1	2	13		4	2	1	2	3			2			1	
78. Acute endocarditis	1									1								1					1	1													1
79. Organic diseases of the heart	7											1	1	2	3			1	6		5	2			7		3	1		1	1			1			
80. Angina pectoris	1													1				1			1				1			1									
81. Diseases of the arteries, atheroma, aneurism, etc	6														3	3		3	3		5	1		1	5		1		1	1	2			1			
IV.—Diseases of the Respiratory System.																																						
Group Total	34	6	3			1			1	3	5	3	4	3	3	2		17	17		24	9	1	13	20	1	4	11	3	4	3	4	3				1	1
88. Diseases of the thyroid body	1													1					1		1				1						1						
90. Chronic bronchitis	2	1														1		1	1		1	1		1	1		2										
91. Broncho-pneumonia	7	3	1								1		1	1				2	5		6	1		4	3		1	1		2		3					
92. Pneumonia	21	2	2			1			1	1	4	3	2	1	3	1		12	9		14	6	1	7	13	1	1	10	2	2	2	1	1			1	1
93. Pleurisy	2									2								2			1	1		1	1								1				
96. Asthma	1												1						1		1				1								1				
V.—Diseases of the Digestive System.																																						
Group Total	10	4	1						1					1		3		6	4		9	1		6	4			1		1			1	1	4	1		1
102. Ulcer of the stomach	1													1					1		1				1									1			
104. Diarrhoea and enteritis (under 2 years)	5	4	1															3	2		5			5						1			1	2	1		
105. Diarrhoea and enteritis (2 years and over)	1															1			1		1			1										1			
109. Hernia, intestinal obstructions	2						1									1		2			2			1	1			1				1					
115. Other diseases of the liver	1															1		1				1			1												1

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SARNIA—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
169. Accidental drowning	1										1							1			1			1						1							
172. Traumatism by fall	2										1	1						2			1	1			2									1			1	
175. Traumatism by other crushing	1											1						1			1				1						1							
(a) Railroad																																						
(b) Street car																																						
(c) Automobile	1											1						1			1				1													
(d) Other crushing																																						
185. Fractures (cause not specified)	6						1	1			1			2	1			5	1		5	1		4	2					2	1			1	1	1	
186. Other external violence	2									1	1							1	1		1	1			2									2			
XIV.—Ill-Defined Diseases.																																						
Group Total	6									1	1	1	1	2				4	2		4	2		1	5			2		2	1				1		
189. Cause of death not specified or ill-defined	6									1	1	1	1	2				4	2		4	2		1	5			2		2	1				1		
Still-Births.																																						
Not included in totals	23	23																11	12		23			23			2	3		4	2	2	3	3			2	2

CAUSES OF DEATH IN THE CITY OF SAULT STE. MARIE, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	297	81	15	3	3	4	7	5	13	34	31	21	20	22	15	16	7	182	115		210	76	11	157	115	25	33	44	20	26	38	19	22	21	22	24	18	10
I.—General Diseases.																																					
Group Total	68	4	3	2	1	2	3	2	5	14	11	7	7	3	2	..	2	40	28	....	44	22	2	34	27	7	11	14	8	6	5	1	5	3	5	5	2	3
1. Typhoid fever	3	....	....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	3	....	....	2	1	....	2	....	1	....	....	....	....	....	....	....	....	1	2	....	....
6. Measles	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
7. Scarlet fever	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
8. Whooping cough	6	2	2	1	..	1	..	....	....	....	....	....	....	....	....	....	....	4	2	....	6	....	....	6	....	....	3	1	....	....	....	....	....	....	....	1	....	....
10. Influenza	17	1	....	....	....	....	1	1	1	6	4	1	....	1	....	....	1	13	4	....	10	7	....	11	5	1	2	12	2	....	....	....	....	....	1	1	....	....
18. Erysipelas	4	1	....	....	....	....	....	....	....	1	1	..	1	....	....	....	....	3	1	....	3	1	....	2	1	1	....	....	1	1	....	1	1	....	....	....	....	....
20. Purulent infection and septicaemia	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....
Total deaths from tuberculosis	21	....	....	1	1	..	1	....	3	6	2	2	5	....	....	....	....	11	10	....	13	7	1	9	10	2	2	1	4	3	3	..	2	1	1	1	2
28. Tuberculosis of the lungs	18	....	....	1	....	....	....	....	3	5	2	2	5	....	....	....	....	8	10	....	11	6	1	6	10	2	1	..	4	3	2	..	2	1	1	1	2
30. Tuberculous meningitis	2	....	....	....	1	..	1	....	....	....	....	....	....	....	....	....	....	2	....	....	2	....	....	2	....	....	1	1	....	....	....	....	....	....	....	....	....	....
31. Abdominal tuberculosis	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	2	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	1	1	....	1	1	....	1	1	....	....	....	....	1	....	....	....	....	....	1	....	....
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	2	....	1	1	....	....	2	....	....	....	1	1	....	....	....	....	....	....	....	....
42. Cancer and other malignant tumors of the female genital organs	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
45. Cancer and other malignant tumors of other organs or of organs not specified	3	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	....	2	1	....	....	2	1	....	2	1	1	....	....	1	....	....	....	....	....	1	..	....
46. Other tumors (tumors of the female genital organs excepted)	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....
47. Acute articular rheumatism	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	..
48. Chronic rheumatism and gout	2	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	2	....	1	1	....	....	2	....	1	....	....	....	....	....	1	....	....	....	....	..
54. Anaemia, chlorosis	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....
56. Alcoholism (acute or chronic)	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	1	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....

SAULT STE. MARIE—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	24	7	3		1						1		2	5	4		1	14	10		17	6	1	11	12	1	2	3	2	2	4	2	2	4	1		1	1
60. Encephalitis	1				1													1			1			1														
63. Other diseases of the spinal cord	1																1	1					1		1			1										
64. Cerebral haemorrhage, apoplexy	9		1										1	3	4			5	4		1	7	1	1	1	1	2	2	1	1							
66. Paralysis without specified cause	3												1	2				3			1	2			3				1	1							1
68. Other forms of mental alienation	1										1							1			1				1												
71. Convulsions of infants	8	6	2															3	5		8			8			2	1	1		1		3				
76. Diseases of the ears	1	1																	1		1			1												1		
III.—Diseases of the Circulatory System.																																						
Group Total	13						1	1		3			1	6		1		8	5		9	4		2	9	2			2	1	1	2		2		1	1	
77. Pericarditis	1													1				1								1			1								
78. Acute endocarditis	1							1													1	1		1	1												
79. Organic diseases of the heart	8							1		2				4		1		3	5		5	3		1	7			1		1	2	2	2				
81. Diseases of the arteries, atheroma, aneurism, etc	2												1	1				2							2					1					1		
85. Hæmorrhage; other diseases of the circulatory system	1									1								1				1				1			1								
IV.—Diseases of the Respiratory System																																						
Group Total	52	16	7		1	1	1		2	5	4	3	2	5	1	3	1	34	18		40	11	1	29	18	5	7	15	2	6	7	5	3		1	1	4	1
89. Acute bronchitis	3	2				1												3			3			3							2	1					
90. Chronic bronchitis	1												1					1				1			1											1	
91. Broncho-pneumonia	11	6	2				1							2				8	3		9	2		7	3	1	1	7		1		1				1	
92. Pneumonia	34	8	4		1				2	4	4	2	1	3	1	3	1	20	14		26	8		17	14	3	4	8	2	5	5	3	2		1	1	2	1
93. Pleurisy	2		1							1								1	1		2			2			1					1					
96. Asthma	1										1							1					1			1	1										
V.—Diseases of the Digestive System.																																						
Group Total	30	15	2				2	1		2	2	1	2	1	1		1	21	9		21	7	2	22	6	2	3			2	5	1	1	3	6	5	3	1
102. Ulcer of the stomach	1																1	1					1			1											
103. Other diseases of the stomach (cancer excepted)	1						1											1			1			1			1										
104. Diarrhœa and enteritis (under 2 years)	16	15	1															12	4		13	3		15		1	1			2	1		2	5	2	2	1
108. Appendicitis and typhlitis	6							1			2	1	1	1				4	2		3	2	1	3	3					2		1			3		
109. Hernia, intestinal obstructions	2		1							1								1	1		2			2							1		1				
114. Biliary calculi	2													1	1			1	1		1	1			2		1									1	
116. Diseases of the spleen	1						1											1			1			1											1		
117. Simple peritonitis (non-puerperal)	1									1									1			1			1						1						

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SAULT STE. MARIE—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
167. Burns (conflagration excepted)	2			1									1						2		2			1	1							1				1		
169. Accidental drowning	5							1	1		2				1			4	1		4		1	2	2	1		1		1	2		1				
170. Traumatism by firearms	2								1			1						2			2			1	1									2			
175. Traumatism by other crushing	4										1	1	1			1		4			1	2	1	1	1	2				2	1				1		
(a) Railroad	3										1	1	1					3			1	1	1		1	2				1	1				1		
(b) Street car																																						
(c) Automobile																																						
(d) Other crushing	1															1		1				1		1														
184. Homicide by other means	1									1								1				1		1											1		
185. Fractures (cause not specified)	5						1		1		1					1	1	4	1		3	1	1	3	1	1	1							1	2	1	
186. Other external violence	5									1	2	2						5			1	3	1	3	1	1	1					2			1	1	
XIV.—Ill-Defined Diseases.																																						
Group Total	5									1	1	1			1	1		5			2	3		2	3		1	2	1							1		
188. Sudden death	1											1						1			1				1			1									
189. Cause of death not specified or ill-defined	4									1	1				1	1		4			1	3		2	2		1	1	1							1		
Still-Births.																																						
Not included in totals	30	30																18	12		30			30			3	2	2	1	5	2	4	3	2	1	3	2

CAUSES OF DEATH IN THE CITY OF STRATFORD, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**194**	**32**	**7**	**4**	**1**	**1**	**2**	**3**	**5**	**11**	**14**	**10**	**22**	**30**	**24**	**28**		**110**	**84**		**126**	**65**	**3**	**81**	**110**	**3**	**10**	**15**	**28**	**24**	**15**	**11**	**20**	**11**	**12**	**14**	**18**	**16**
I.—General Diseases.																																					
Group Total	54	3	3	..	1	1	1	2	1	6	6	4	4	12	6	4	..	33	21	....	37	17	...	23	29	2	6	3	11	6	1	2	6	5	2	5	5	2
5. Smallpox	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
6. Measles	3	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	2	....	3	....	....	3	....	....	....	....	1	1	1	....	....	....	....	....	....	....
8. Whooping cough	3	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	3	....	....	3	....	....	....	....	....	....	....	....	....	1	1	....	1	....
9. Diphtheria and croup	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
10. Influenza	9	....	1	....	....	....	1	....	....	2	....	1	1	1	2	....	....	7	2	....	6	3	....	2	5	2	....	....	8	....	....	1	....	....	....	....	....	....
18. Erysipelas	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....
20. Purulent infection and septicaemia	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1
24. Tetanus	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
Total deaths from tuberculosis	12	....	....	....	....	....	....	....	1	3	5	2	....	....	1	....	....	8	4	....	11	1	....	6	6	....	....	1	1	4	....	1	2	1	1	....	....	1
28. Tuberculosis of the lungs	11	....	....	....	....	....	....	....	1	3	4	2	....	....	1	....	....	8	3	....	10	1	....	6	5	....	....	1	1	3	....	1	2	1	1	....	....	1
31. Abdominal tuberculosis	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	2	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	2	....	....	....	2	....	1	1	....	1	....	....	....	....	....	....	....	....	1	....	....
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	3	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	2	1	....	1	2	....	....	3	....	1	....	....	....	....	....	1	....	....	....	1	....
42. Cancer and other malignant tumors of the female genital organs	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....
43. Cancer and other malignant tumors of the breast	2	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	2	....	1	1	....	1	1	....	....	....	....	....	....	....	1	....	....	....	1	....
45. Cancer and other malignant tumors of other organs or of organs not specified	5	....	....	....	....	....	....	....	....	....	1	....	....	2	....	2	....	2	3	....	1	4	....	1	4	....	1	....	....	1	....	....	....	2	....	1	....	....
46. Other tumors (tumors of the female genital organs excepted)	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	2	....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	1	1	....
47. Acute articular rheumatism	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
48. Chronic rheumatism and gout	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....
50. Diabetes	2	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	2	....	2	....	....	....	2	....	....	1	....	....	....	....	....	....	1	....	....	....
53. Leuchaemia	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
54. Anaemia, chlorosis	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....
55. Other general diseases	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....

STRATFORD—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	25	2	2	1			1	1		1	3	1	3	3	4	3		13	12		17	8		9	16		2	1	2	3	7	2	3		2	2	1	
60. Encephalitis	3										1		1	1				2	1		3			1	2				1			2					
61. Meningitis	3	1	1							1								3			3			2	1			1		1				1		
62. Locomotor ataxia	1										1							1				1			1				1								
63. Other diseases of the spinal cord	1													1				1			1				1						1					
64. Cerebral haemorrhage, apoplexy	8											1	1		3	3		2	6		3	5		1	7		1			3	1		2		1	
66. Paralysis without specified cause	3										1			1	1			1	2		2	1			3			1			1	1					
69. Epilepsy	1							1										1			1			1			1										
71. Convulsions of infants	2		1	1														1	1		2			2						2						
74. Other diseases of the nervous system	2						1					1					1	1		1	1			1	1				2							
76. Diseases of the ears	1	1																	1		1			1											1		
III.—Diseases of the Circulatory System																																						
Group Total	15								1	1		1	3	5	1	3		7	8		6	9		3	12			1		2	2	1	3	1	3			2
79. Organic diseases of the heart	13									1		1	2	5	1	3		6	7		5	8		2	11			1		1	2		3	1	3			2
82. Embolism and thrombosis	1												1						1			1			1							1					
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	1								1									1			1			1					1							
IV.—Diseases of the Respiratory System																																						
Group Total	18	3	1	1					3	1	2		2	2	3			11	7		14	4		8	9	1		4	4	3		1	3		1		2	
89. Acute bronchitis	1	1																1			1			1								1					
90. Chronic bronchitis	3													1	2			1	2		2	1			2	1	2					1					
92. Pneumonia	12	2	1	1					2	1	2		1	1	1			7	5		9	3		6	6			2	4	2		1	1			2		
93. Pleurisy	1								1									1			1			1						1							
96. Asthma	1												1					1			1				1										1		
V.—Diseases of the Digestive System.																																						
Group Total	17	4	1	2								1	5	2	2			11	6		14	3		9	8			1	3	2		1	2	2		3	3
102. Ulcer of the stomach	2												1	1				1	1		1	1			2											1	1
103. Other diseases of the stomach (cancer excepted)	3												1	1	1			1	2		2	1			3						1		1				1
104. Diarrhoea and enteritis (under 2 years)	5	4	1															3	2		5			5										1	1	2	1
105. Diarrhoea and enteritis (2 years and over	2			2														2			2			2					1						1		
109. Hernia, intestinal obstructions	3										1		1		1			2	1		2	1			2		1	2									
114. Biliary calculi	1												1					1			1				1				1								
115. Other diseases of the liver	1												1					1			1			1					1								

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STRATFORD—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
169. Accidental drowning	3	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	1	2	..	2	1	..	1	2	..	..	2	..	..	..	1	..	..	..	..	..	..
178. Excessive cold	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..
185. Fractures (cause not specified)	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..
186. Other external violence	2	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2	..	..	1	1	..	..	2	..	..	..	1	..	1	..	..	..	..	..	..	..
XIV.—Ill-Defined Diseases.																																						
Group Total	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
189. Cause of death not specified or ill-defined	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Still-Births.																																						
Not included in totals	23	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	6	..	23	..	..	23	..	..	2	1	1	..	2	8	2	..	4	1	1	1

CAUSES OF DEATH IN THE CITY OF TORONTO, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Condition.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Froign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	7224	1430	247	118	85	67	213	102	139	587	668	573	729	845	843	525	53	3655	3550	19	4605	2455	164	3169	3619	436	599	1224	714	656	636	517	449	476	513	516	455	469
I.—General Diseases.																																						
Group Total	2342	181	115	62	54	47	126	47	59	285	324	273	272	256	177	50	14	1125	1217	..	1493	793	56	1009	1178	155	180	643	237	181	177	147	131	136	129	120	137	124
1. Typhoid fever	12	..	..	..	..	..	1	..	2	3	2	2	1	1	..	..	..	6	6	..	9	3	..	5	6	1	..	1	1	..	..	1	..	2	5	1	..	1
5. Smallpox	12	4	2	..	..	1	..	..	..	1	1	..	..	1	..	2	..	7	5	..	10	1	1	7	3	2	6	1	4	1	..	..	..	..	..	..	..	..
6. Measles	80	14	36	12	8	3	5	2	..	..	..	..	..	..	..	..	..	31	49	..	70	4	6	80	..	..	14	15	10	9	19	4	6	3	..	..	..	..
7. Scarlet fever	47	1	4	4	5	7	12	2	1	4	7	..	..	..	..	..	..	19	28	..	38	8	1	40	5	2	2	11	10	4	4	4	..	..	..	..	6	6
8. Whooping cough	59	34	18	1	1	1	4	..	..	..	..	..	..	..	..	..	..	35	24	..	54	2	3	59	..	..	4	6	4	6	3	4	3	5	8	10	4	2
9. Diphtheria and croup	224	24	19	23	25	28	71	17	2	7	1	5	1	..	..	..	1	112	112	..	200	16	8	215	8	1	29	33	21	19	27	13	14	11	13	8	16	20
10. Influenza	648	37	19	14	6	3	12	7	19	137	164	74	54	56	32	9	5	295	353	..	400	234	14	214	377	57	26	483	77	21	18	4	6	1	2	2	2	6
14. Dysentery	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	39	19	2	..	..	..	..	..	..	1	2	1	5	2	4	3	..	19	20	..	32	7	..	26	11	2	6	2	3	5	5	4	2	4	..	2	1	5
19. Other epidemic diseases	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
20. Purulent infection and septicaemia	31	5	..	..	1	..	1	2	..	4	6	3	6	1	2	..	..	17	14	..	22	9	..	14	16	1	4	1	5	4	3	2	2	1	1	3	2	3
22. Anthrax	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
24. Tetanus	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
25. Mycoses	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
Total deaths from tuberculosis	324	12	11	6	5	4	8	6	26	94	57	50	20	17	6	..	2	180	144	..	194	124	6	159	151	14	31	31	39	33	34	32	23	21	20	21	22	17
28. Tuberculosis of the lungs	237	3	3	2	..	2	3	3	13	74	49	45	19	15	4	..	2	135	102	..	128	103	6	100	126	11	25	28	26	21	26	23	15	16	14	13	15	15
29. Acute miliary tuberculosis	23	3	3	1	1	..	1	1	3	4	3	2	..	..	1	..	..	16	7	..	15	8	..	16	6	1	1	1	8	3	3	3	..	1	..	3	..	..
30. Tuberculous meningitis	26	4	3	1	4	2	1	1	7	3	..	..	..	..	..	..	..	13	13	..	24	2	..	20	5	1	1	1	4	3	1	3	2	1	3	3	4	..
31. Abdominal tuberculosis	16	..	..	2	..	..	1	1	1	6	2	2	..	..	1	..	..	3	13	..	11	5	..	10	5	1	..	1	1	2	2	2	4	..	2	2	..	..
32. Pott's disease	4	..	..	..	..	..	1	..	..	1	1	..	..	1	..	..	..	1	3	..	3	1	..	1	3	..	..	..	..	2	..	..	..	..	..	..	2	..
33. White swelling	6	..	..	..	..	..	1	..	..	4	..	..	1	..	..	..	..	5	1	..	4	2	..	4	2	..	1	..	..	1	1	..	..	2	1	..	..	..	1
34. Tuberculosis of other organs	3	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	2	1	..	2	1	..	1	2	..	1	..	..	..	..	..	..	..	..	..	..	1	1
35. Disseminated tuberculosis	9	2	2	..	..	..	..	..	1	2	1	1	..	..	..	..	..	5	4	..	7	2	..	7	2	..	2	..	..	1	1	1	..	1	..	..	..	..	1
36. Rickets	6	4	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	5	..	6	..	..	5	1	..	2	..	..	..	..	1	..	..	..	..	..	..	..
37. Syphilis	43	19	1	..	..	..	..	..	..	3	9	3	5	2	1	..	..	33	10	..	30	13	..	21	16	6	3	2	2	5	2	5	4	3	4	5	5	3
38. Gonococcus infection	3	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	2	..	1	2	..	2	1	..	..	..	1	..	..	..	..	..	1	1	..	..	..
39. Cancer and other malignant tumors of the buccal cavity	18	..	..	..	..	..	..	..	..	..	1	2	7	4	4	..	..	18	..	..	4	13	1	2	15	1	2	..	2	1	1	2	..	1	..	4	3	2

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
40. Cancer and other malignant tumors of the stomach, liver	169	..	..	..	..	..	..	..	..	..	10	32	32	46	40	6	3	97	72	..	61	102	6	17	129	23	11	10	19	16	11	19	16	19	19	8	11	10
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	92	..	..	..	1	..	..	1	..	3	9	17	13	20	18	9	1	38	54	..	48	43	1	16	70	6	1	10	2	5	9	10	12	10	10	7	10	6
42. Cancer and other malignant tumors of the female genital organs	60	..	..	..	..	..	..	..	..	2	4	17	20	9	7	1	..	..	60	..	29	30	1	4	51	5	3	2	5	3	5	4	2	11	7	5	9	4
43. Cancer and other malignant tumors of the breast	48	..	..	..	..	..	..	..	..	..	4	11	18	3	9	3	..	..	48	..	27	21	..	8	37	3	3	4	3	5	3	6	3	2	4	6	5	4
44. Cancer and other malignant tumors of the skin	8	..	..	..	..	..	..	..	..	..	1	..	2	5	..	..	..	4	4	..	3	5	..	..	7	1	..	1	..	3	..	1	..	3	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	162	..	..	..	1	..	1	1	2	5	10	25	38	51	23	5	..	80	82	..	89	72	1	26	123	13	15	6	7	12	9	12	13	22	20	16	18	12
46. Other tumors (tumors of the female genital organs excepted)	7	..	..	..	..	..	1	..	..	2	1	1	2	..	..	..	..	5	2	..	4	2	1	2	4	1	2	..	..	1	1	2	..	..	..	..	..	1
47. Acute articular rheumatism	24	..	..	1	..	..	7	4	3	3	2	1	1	..	2	..	..	15	9	..	20	4	..	18	6	..	2	3	3	3	1	1	4	1	..	1	1	4
48. Chronic rheumatism and gout	25	..	..	..	..	..	..	..	1	1	4	2	6	2	5	4	..	11	14	..	18	7	..	10	14	1	..	4	2	3	..	..	4	3	2	3	3	1
49. Scurvy	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	..	1	1	..	..	..	..	..	..	..	..	..
50. Diabetes	54	..	1	..	1	..	1	2	1	6	5	8	15	8	6	..	..	26	28	..	32	21	1	14	37	3	5	5	8	7	1	6	4	1	3	3	5	6
51. Exophthalmic goitre	17	..	..	..	..	..	..	..	..	5	5	1	4	2	..	..	..	2	15	..	8	8	1	6	10	1	..	1	1	..	3	3	..	3	..	2	4	..
52. Addison's disease	1	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
53. Leuchaemia	17	..	..	..	..	..	1	2	..	1	3	5	1	2	2	..	..	10	7	..	11	6	..	6	11	..	2	1	..	2	2	1	2	1	..	4	..	2
54. Anaemia, chlorosis	75	..	..	1	..	..	1	..	..	..	8	5	17	19	15	7	2	35	40	..	52	23	..	15	50	10	4	7	6	5	12	4	6	4	7	8	4	8
55. Other general diseases	14	6	1	..	..	..	..	1	1	2	..	1	..	2	..	..	..	9	5	..	10	4	..	10	4	..	1	..	..	2	..	2	2	2	1	1	3	..
56. Alcoholism (acute or chronic)	15	..	..	..	..	..	..	..	..	..	7	4	3	1	..	..	..	14	1	..	6	7	2	5	10	..	2	1	1	4	3	1	..	..	..	..	3	..
59. Other chronic poisonings	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	532	65	15	7	3	4	15	12	8	26	34	31	75	111	86	35	5	256	276	..	325	197	10	185	308	39	52	59	55	56	41	39	27	30	49	37	43	44
60. Encephalitis	29	3	2	..	..	..	4	1	1	2	6	5	2	3	..	..	..	14	15	..	17	12	..	17	12	..	5	3	3	7	1	1	1	..	2	..	..	6
61. Meningitis	37	12	7	1	1	1	3	3	1	2	2	2	1	1	..	..	..	17	20	..	29	8	..	30	7	..	2	3	6	4	4	1	1	1	6	4	2	3
62. Locomotor ataxia	8	..	..	..	..	..	..	..	..	..	..	1	3	4	..	..	..	5	3	..	5	3	..	1	7	..	..	2	..	1	1	..	1	1	..	..	2	..
63. Other diseases of the spinal cord	33	1	..	..	..	..	..	..	..	2	4	2	8	9	7	..	..	18	15	..	14	19	..	4	23	6	1	5	6	1	3	5	1	1	1	2	4	3
64. Cerebral haemorrhage, apoplexy	203	3	..	..	1	..	1	1	..	3	3	6	26	67	60	28	4	90	113	..	102	95	6	23	162	18	29	19	19	18	17	15	15	10	18	15	13	15
65. Softening of the brain	5	..	..	..	..	..	..	..	..	..	1	..	1	1	2	..	..	3	2	..	5	..	..	1	4	..	..	..	..	..	..	1	1	..	..	3	..	..	..
66. Paralysis without specified cause	42	..	..	..	..	..	..	..	..	1	..	2	11	11	10	7	..	19	23	..	24	18	..	2	37	3	..	8	6	5	1	3	1	..	5	5	3	5
67. General paralysis of the insane	11	..	..	..	..	..	..	..	..	1	4	3	1	1	..	..	1	8	3	..	5	5	1	4	5	2	4	1	..	1	..	..	..	1	..	1	..	2	1
68. Other forms of mental alienation	27	..	..	..	..	..	..	..	2	4	5	4	6	4	2	..	..	11	16	..	14	13	..	10	15	2	1	1	4	1	2	1	..	5	1	3	4	4
69. Epilepsy	16	..	..	..	..	..	..	1	1	4	2	..	2	4	2	..	..	7	9	..	10	5	1	6	7	3	3	2	1	1	2	1	1	..	1	2	1	1
70. Convulsions (non-puerperal)	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..

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Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
103. Other diseases of the stomach (cancer excepted)	45	21	..	..	..	1	..	..	1	2	1	4	3	7	2	1	2	22	23	..	34	11	..	30	15	..	4	3	8	5	2	3	2	2	2	3	5	6
104. Diarrhœa and enteritis (under 2 years)	259	224	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	145	114	..	247	8	4	259	..	..	7	5	12	7	11	7	23	48	70	37	18	14
106. Diarrhœa and enteritis (2 years and over)	44	..	..	8	5	..	4	..	..	..	1	1	9	6	7	3	..	26	18	..	30	13	1	20	21	3	..	1	1	4	5	5	3	7	9	2	3	4
107. Intestinal parasites	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
108. Appendicitis and typhlitis	82	..	..	..	..	..	3	2	12	13	20	13	8	10	..	1	..	47	35	..	48	33	1	32	44	6	7	6	14	9	9	4	7	7	3	9	2	5
109. Hernia, intestinal obstructions	53	7	..	..	..	..	2	..	..	7	5	4	11	7	8	1	1	31	22	..	30	22	1	15	31	7	2	5	7	7	2	4	4	3	1	7	6	5
110. Diseases of the intestines	13	..	..	..	..	..	2	..	..	3	1	2	2	1	1	1	..	4	9	..	7	6	..	6	7	..	..	2	..	..	1	..	1	2	2	3	1	1
111. Acute yellow atrophy of the liver	2	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1	..	2	..	..	..	2	..	..	..	..	..	1	..	1	..	..	..	..	..	..
113. Cirrhosis of the liver	18	..	..	..	..	..	..	..	..	2	4	2	8	2	..	..	..	12	6	..	9	7	2	2	16	..	1	3	4	..	1	1	1	2	..	1	2	2
114. Biliary calculi	18	..	..	..	..	..	..	..	..	2	2	5	6	3	..	..	..	5	13	..	6	12	..	2	14	2	..	2	2	2	2	3	2	1	3	1	..	..
115. Other diseases of the liver	18	1	..	1	..	..	1	..	..	1	1	6	2	4	1	..	..	6	12	..	10	8	..	6	12	..	..	1	3	2	..	1	2	3	..	2	..	4
116. Diseases of the spleen	2	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	1	1	..	..	2	..	..	2	..	..	..	..	..	..	2	..	..	..	..	..	..	..
117. Simple peritonitis (non-puerperal)	15	3	..	1	..	1	1	1	..	2	2	2	1	1	..	..	..	3	12	..	11	4	..	7	8	..	1	..	1	2	2	1	1	..	3	1	1	2
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	4	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1	..	3	1	..	2	1	1	1	3	..	..	1	1	..	..	..	..	..	1	..	..	1
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	295	5	3	1	..	..	4	3	3	31	36	42	43	47	49	25	3	144	151	..	149	142	4	56	216	23	29	35	28	33	27	23	19	20	16	19	17	29
119. Acute nephritis	26	..	..	..	..	..	2	1	..	6	4	..	6	3	2	..	2	9	17	..	15	11	..	7	16	3	..	3	3	1	..	5	4	2	2	2	2	2
120. Bright's disease	158	1	1	..	..	..	2	2	2	15	14	29	26	28	24	14	..	74	84	..	82	73	3	28	117	13	18	17	15	22	13	7	10	12	11	12	9	12
122. Other diseases of the kidneys and annexa	16	4	2	1	..	..	..	..	..	..	3	2	..	..	4	..	..	9	7	..	9	7	..	8	6	2	2	2	..	2	2	1	2	1	..	2	..	2
123. Calculi of the urinary passages	11	..	..	..	..	..	..	..	..	1	3	1	3	3	..	..	..	5	6	..	4	7	..	2	9	..	1	4	1	1	..	2	..	1	..	..	..	1
124. Diseases of the bladder	10	..	..	..	..	..	..	..	..	..	1	1	1	5	1	1	..	8	2	..	5	5	..	..	9	1	3	..	2	..	1	..	1	1	..	..	1	1
125. Diseases of the urethra, urinary abscess, etc	2	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	2	..	..	1	1	..	1	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..
126. Diseases of the prostate	36	..	..	..	..	..	..	..	..	..	..	1	3	11	12	9	..	36	..	..	14	22	..	6	27	3	2	2	2	4	3	6	..	2	3	3	4	5
127. Non-venereal diseases of the male genital organs	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
128. Uterine haemorrhage (non-puerperal)	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
129. Uterine tumor (non-cancerous	11	..	..	..	..	..	..	..	..	..	5	3	2	..	1	..	..	11	..	..	7	4	..	1	10	..	..	2	2	1	1	1	..	..	..	..	..	..	4
130. Other diseases of the uterus	8	..	..	..	..	..	..	..	..	3	2	2	..	..	..	1	..	8	..	..	4	4	..	1	7	..	..	2	..	..	4	1	..	..	..	..	..	..	1
131. Cysts and other tumors of the ovary	5	..	..	..	..	..	..	..	..	2	1	1	..	..	1	..	..	5	..	..	3	1	1	..	5	..	2	1	1	..	..	..	..	1	..	..	..	..	..
132. Salpingitis and other diseases of the female genital organs	9	..	..	..	..	..	..	..	..	4	3	2	..	..	..	..	..	9	..	..	4	5	..	1	7	1	..	1	2	2	3	..	..	..	..	..	1	..	..
133. Non-puerperal diseases of the breast (cancer excepted)	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..

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TORONTO—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
157. Suicide by hanging or strangulation	6									1	1	2	2					3	3		4	2			4	2		1		1		1	1	2				
158. Suicide by drowning	2									1				1				2			2			2									1					
159. Suicide by firearms	4									2	1					1		3	1		1	3			4			1			1	1			1			
160. Suicide by cutting or piercing instruments	8										1	4	1		1	1		5	3		2	6			8					3	2			2		1	
161. Suicide by jumping from high places	4										2		1	1				4			2	1	1		1	3					1			1			2
164. Poisoning by food	2									1		1							2		1	1			1	1								2			
165. Other acute poisonings	12	1	2		1		1		1	1		5						8	4		8	3	1	7	3	2	1	3		1	1		1		2		1	2
167. Burns (conflagration excepted)	37		2	7	4	1	5	1	1	2	4	1	1	3	4	1		16	21		26	11		22	13	2	6	6	4	2	4	2	1	3	1	2	4	2
168. Absorption of deleterious gases (conflagration excepted)	32	5	1							5	3	6	4	5	1	1	1	21	11		18	10	4	11	15	6	6	1	4	7	3	2	1	1		2	3	2
169. Accidental drowning	19	1					2	4	6	1	1	1	3					16	3		8	10	1	14	3	2	1		1		3	2	6	2	1	2	1	
170. Traumatism by firearms	9								1	6	1	1						9			3	5	1	7	1	1	2	1		2	1	1			1	1		
171. Traumatism by cutting or piercing instruments	1											1						1			1				1												1
172. Traumatism by fall	52	1	1		1	1				2	2	2	5	6	13	18		23	29		29	23		12	37	3	5	9	8	5	1	4	1	4	2	4	6	3
174. Traumatism by machines	10							1	3		1		2	3				8	2		7	3		4	6			2	1			1	1	1	1	1	1	1
175. Traumatism by other crushing	110			2	4	3	19	10	6	15	11	3	15	13	8	1		79	31		63	41	6	60	42	8	5	4	6	12	9	9	8	8	14	16	13	6
(a) Railroad	18						1	1	1	5	4	1	2	2	1			16	2		9	6	3	8	7	3	1	3		1	3		2		3	2	2	1
(b) Street car	14			1		1	1			1	2		2	4	1	1		9	5		8	6		6	7	1	3		1	1	1		1			3	2	2
(c) Automobile	69			1	4	1	17	8	4	8	5	2	9	6	4			46	23		42	24	3	42	24	3	1	1	5	9	5	9	5	6	9	9	8	2
(d) Other crushing	9					1		1	1	1			2	1	2			8	1		4	5		4	4	1				1				2	2	2	1	1
176. Injuries by animals	2												1				1	2				2		1		1		1						1			
179. Effects of heat	1									1								1			1			1										1			
181. Electricity (lightning excepted)	3										1	1	1					3				3			3			1						1	1		
183. Homicide by cutting or piercing instruments	1						1											1			1			1										1			
184. Homicide by other means	6	5								1								3	3				6	6					2	2					1		1
185. Fracture (cause not specified)	8					1		1			1			2	2			6	2		3	5		4	4		1	1	1	2				1		2		
186. Other external violence	13			1	1					2	2	3		2		2		11	2		7	5	1	3	9	1	2	1		1	3	2	2			1	1
XIV.—Ill-Defined Diseases.																																						
Group Total	41	2	3	1		1	2		1	4	4	2	13	5	2	1		28	13		24	16	1	17	22	2	6	5	5	4	3	1	2	3	3	2	4	3
187. Ill-defined organic disease	2												1		1			2			2				2			1		1							
188. Sudden death	6										2		3	1				3	3		1	5			5	1			1	1	1			1		1	1
189. Cause of death not specified or ill-defined	33	2	3	1		1	2		1	4	2	2	9	4	1	1		23	10		21	11	1	17	15	1	6	4	4	3	1	1	2	3	2	2	3	2
Still-Births.																																						
Not included in totals	675	675																374	245	56	675			675			49	74	65	45	53	64	48	59	58	55	44	61

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.															Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	144	42	5	2	2	2	5	3	3	12	16	12	6	17	10	7		86	58		102	31	11	71	63	10	6	16	9	5	13	7	12	20	20	15	12	9
I.—General Diseases.																																						
Group Total	38	4	..	1	1	1	1	2	1	4	9	6	1	4	2	1	..	19	19	..	26	9	3	16	19	3	..	10	4	3	5	1	3	3	2	2	4	1
1. Typhoid fever	2	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	1	..	..	2	..	1	1	..	..	2	..	..	..	..	..	..	..	..	..	..
6. Measles	2	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..
7. Scarlet fever	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..
8. Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	3	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	2	1	..	3	..	..	3	..	..	..	..	..	1	1	..	..	..	..	..	..	..
10. Influenza	10	1	..	..	..	..	1	..	..	3	2	3	..	..	..	..	..	4	6	..	9	1	..	3	7	..	..	5	2	1	1	1	..	..	..	1	..	..
20. Purulent infection and septicaemia	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Total deaths from tuberculosis	11	1	..	..	..	1	..	..	..	4	2	1	2	..	..	..	..	5	6	..	6	4	1	4	7	..	..	..	1	..	2	..	2	2	1	..	2	1
28. Tuberculosis of the lungs	9	..	..	..	..	..	..	..	..	4	2	1	2	..	..	..	..	4	5	..	4	4	1	2	7	..	..	..	1	..	2	..	2	2	..	..	2	..
80. Tuberculous meningitis	2	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	..	..	..	..	..	..	..	..	1	..	..	1
40. Cancer and other malignant tumors of the stomach, liver	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
50. Diabetes	2	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	2	..	..	1	1	..	1	1	..	..	1	..	1	..	..	..	..	..	1	..	..
54. Anaemia, chlorosis	3	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1	2	..	2	..	1	..	1	2	..	..	..	1	..	..	..	1	..	..	..	1	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	11	..	2	1	..	..	..	..	1	..	..	1	1	3	..	2	..	8	3	..	9	..	2	3	8	..	2	1	1	..	..	..	1	1	3	1	1	..
63. Other diseases of the spinal cord	2	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	1	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..
64. Cerebral haemorrhage, apoplexy	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	..	..	2	..	..	..	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..
66. Paralysis without specified cause	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	1	..	1	..	1	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..
70. Convulsions (non-puerperal)		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
71. Convulsions of infants	3	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	3	..	..	2	1	..	..	1	..	..	..	..	..	1	1	..	..	..
74. Other diseases of the nervous system	2	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	2	..	..	1	..	1	1	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..

WELLAND—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
III.—Diseases of the Circulatory System.																																						
Group Total	18	1	..	..	..	..	1	..	..	2	1	1	1	3	6	2	..	13	5	....	10	6	2	2	14	2	1	2	2	..	3	..	..	1	3	2	2	2
78. Acute endocarditis	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
79. Organic diseases of the heart	7	..	..	..	..	..	..	..	..	2	..	1	1	1	1	1	..	5	2	....	2	3	2	....	5	2	..	1	1	..	1	..	..	1	1	..	1	1
81. Diseases of the arteries, atheroma, aneurism, etc	9	..	..	..	..	..	..	..	..	..	1	..	..	2	5	1	..	6	3	....	7	2	..	..	9	..	..	1	1	..	2	..	..	..	2	2	1	..
84. Diseases of the lymphatic system (lymphangitis, etc.)	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
IV.—Diseases of the Respiratory System.																																						
Group Total	7	4	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	5	2	....	6	1	....	5	2	..	..	3	..	..	..	1	1	..	1	..	1	..
91. Broncho-pneumonia	3	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	3	..	..	3	..	..	3	..	..	..	1	..	..	..	1	..	..	..	..	1	..
92. Pneumonia	4	2	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	2	2	....	3	1	....	2	2	..	..	2	..	..	..	..	1	..	1	..	..	..
V.—Diseases of the Digestive System.																																						
Group Total	20	10	2	..	..	..	..	..	..	1	3	2	....	2	..	..	..	17	3	....	14	6	....	13	6	1	..	..	..	..	1	..	2	10	2	2	..	3
102. Ulcer of the stomach	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..
104. Diarrhoea and enteritis (under 2 years)	11	10	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	3	....	11	..	..	11	..	..	..	..	..	..	1	..	1	6	1	1	..	1
108. Appendicitis and typhlitis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
109. Hernia, intestinal obstructions	3	....	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	3	..	..	1	2	..	1	2	..	..	..	..	..	..	..	..	1	..	..	..	2
110. Diseases of the intestines	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
113. Cirrhosis of the liver	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
115. Other diseases of the liver	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..
118. Other diseases of the digestive system (cancer and tuberculosis excepted)	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	6	..	..	..	..	..	1	..	..	1	..	1	....	3	..	..	..	4	2	....	2	3	1	1	4	1	..	..	1	..	..	..	..	1	1	1	..	2
120. Bright's disease	4	..	..	..	..	..	..	..	..	1	..	1	....	2	..	..	..	3	1	....	2	1	1	....	3	1	..	..	1	..	..	..	..	1	1	..	..	1
123. Calculi of the urinary passages	1	..	..	..	..	..	..	..	..	..	..	..	....	1	..	..	..	1	..	....	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..	..	1
130. Other diseases of the uterus	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	....	1	..	....	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
VII.—The Puerperal State.																																						
Group Total	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	....	1	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
138. Puerperal albuminuria and convulsions	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	....	1	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	605	134	17	2	3		21	13	17	84	63	37	48	65	55	45	1	336	269		429	171	5	262	329	14	53	114	52	59	43	55	51	32	32	37	43	34
I.—General Diseases.																																						
Group Total	182	14	4	2		5	3	10	39	36	15	19	20	13	1	1		95	87		123	58	1	59	119	4	21	64	11	18	9	13	10	6	5	7	12	6
1. Typhoid fever	3							1		2								3			2	1		1	1	1												
6. Measles	7	4	1				1			1								4	3		7			6	1				2	5							
7. Scarlet fever	3			1						2								2	1		3			2	1				1	1	1						
8. Whooping cough	2	2																	2		2						1	1										
9. Diphtheria and croup	5		1			3	1											3	2		5			5						1			1		1		2
10. Influenza	77	4	2				1	8	22	21	6	6	2	4		1		38	39		55	22		23	53	1	16	55	2	1	1	2		1		1		
18. Erysipelas	1													1				1			1				1					1							
20. Purulent infection and septicaemia	4	1							1		2							3	1		3	1		1	3		1		1			1					1
Total deaths from tuberculosis	27				1				10	9	1	4	1	1				12	15		13	14		7	19	1		2	2	4	2	3	3	2	1	3	4	1
28. Tuberculosis of the lungs	24								9	8	1	4	1	1				10	14		11	13		6	17	1		2	2	4	2	3	3	1	1	3	2	1
29. Acute miliary tuberculosis	1									1								1				1			1											1	
30. Tuberculous meningitis	1				1													1			1												1				
31. Abdominal tuberculosis	1								1										1		1				1											1	
36. Rickets	1	1																	1		1			1				1									
37. Syphilis	1	1																	1		1			1				1									
38. Gonococcus infection	1	1																1			1			1						1							
39. Cancer and other malignant tumors of the buccal cavity	2													2				2			1	1			2							1				1	
40. Cancer and other malignant tumors of the stomach, liver	9									1		1	5	2				6	3		4	5			9		1			1	1	3	2		1		
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	5											2	2	1				3	2		1	4			5						1		2		2		
42. Cancer and other malignant tumors of the female genital organs	6								1	1	2	1	1						6		4	2		1	5				1		1			2		1	1
43. Cancer and other malignant tumors of the breast	1											1							1		1				1										1		
45. Cancer and other malignant tumors of other organs or of organs not specified	8								1		1	2	4					4	4		5	3		2	6		1	2		2		2				1	
47. Acute articular rheumatism	2							1	1									1	1		1	1		2						1						1	
48. Chronic rheumatism and gout	1													1				1				1			1											1	

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WINDSOR—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
103. Other diseases of the stomach (cancer excepted)	1									1								1			1				1					1							
104. Diarrhoea and enteritis (under 2 years)	22	21	1															10	12		22			22			1		1	2	2	3	5	3	1	2	1
105. Diarrhoea and enteritis (2 years and over)	4			1			2							1				1	3		4			3	1		1				1		1	1			
108. Appendicitis and typhlitis	10							2	1	5		1			1			8	2		7	3		6	4		1	2		2			1	2	1		1	
109. Hernia, intestinal obstructions	4									1		1		1	1			2	2		2	2			3	1		1	1				1			1	
111. Acute yellow atrophy of the liver	1		1															1			1			1												1	
113. Cirrhosis of the liver	2						1							1				2			2			1	1								1	1			
114. Biliary calculi	2											1		1				1	1		2				2					1					1	
117. Simple peritonitis (non-puerperal)	1											1							1			1			1						1					
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																					
Group Total	35	1					2			5	6	2	5	6	7	1		17	18		23	11	1	7	28		3	7	1	1	2	4	4	1	3	4	3	2
119. Acute nephritis	4	1					2			1								2	2		3	1		4					1			1	1			1	
120. Bright's disease	22									2	3	2	4	4	6	1		12	10		12	9	1	3	19		3	7				2	1		2	4	1	2
122. Other diseases of the kidneys and annexa	1													1				1			1				1											1	
124. Diseases of the bladder	1													1					1		1				1								1				
126. Diseases of the prostate	2												1		1			2			2				2					1		1				
130. Other diseases of the uterus	2									1	1								2		2				2					1	1					
131. Cysts and other tumors of the ovary	3									1	2								3		2	1			3						1	1		1			
VII.—The Puerperal State.																																					
Group Total	11								1	5	4	1							11		10	1		1	10		2		2	1		1		3		1	1	
134. Accidents of pregnancy	2									2									2		2			1	1		1		1								
135. Puerperal haemorrhage	1										1								1		1				1					1							
136. Other accidents of labor	1											1							1		1				1								1				
137. Puerperal septicaemia	2									1	1								2		1	1			2		1			1							
138. Puerperal albuminuria and convulsions	4							1		1	2								4		4				4								2		1	1	
139. Puerperal phlegmasia alba dolens, embolus, sudden death	1									1									1		1				1						1						
VIII.—Diseases of the Skin and of the Cellular Tissue.																																					
Group Tissue	5	1								1		2		1				3	2		3	1	1	2	3						1		1	1		2	
143. Furuncle	1											1						1			1				1											1	
144. Acute abscess	4	1								1		1		1				2	2		2	1	1	2	2						1		1	1		1	
X.—Congenital Malformations.																																					
Group Total	6	6																5	1		6			6						1	2					3	
150. Congenital malformations (still-births not included)	6	6																5	1		6			6						1	2					3	

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CAUSES OF DEATH IN THE CITY OF WOODSTOCK, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	156	21	1	3		2	5	1	2	6	12	6	10	32	29	26		74	82		110	43	3	56	100		28	18	18	10	8	11	9	11	14	8	10
I.—General Diseases.																																						
Group Total	36	1	..	2	..	1	4	..	..	2	4	4	1	9	5	3	..	15	21	....	26	10	....	13	23	....	7	7	2	4	1	1	3	4	4	2	1	..
9. Diphtheria and croup	5	1	..	..	..	1	3	..	..	..	..	..	..	..	..	..	..	3	2	....	5	..	....	5	..	....	2	1	..	..	..	1	..	..	..	1	..	..
10. Influenza	6	..	..	1	..	..	..	..	..	2	2	..	..	..	..	1	..	2	4	....	5	1	....	1	5	....	2	3	1	..	..	..	..	..	..	..	..	..
18. Erysipelas	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
Total deaths from tuberculosis	5	..	..	1	..	..	1	..	..	..	2	1	..	..	..	..	..	3	2	....	4	1	....	3	2	....	1	1	..	1	..	..	..	..	1	1	..	..
28. Tuberculosis of the lungs	3	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	1	2	....	3	..	....	2	1	....	1	..	..	1	..	..	..	..	1	..	..	..
32. Pott's disease	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	1	..	..
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	..	1	....	..	1	....	..	..	1	..	..	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	6	..	..	..	..	..	..	..	..	..	..	..	..	3	1	2	..	4	2	....	5	1	....	1	5	....	1	1	..	..	..	..	3	1	..	..	..	..
42. Cancer and other malignant tumors of the female genital organs	2	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	2	....	1	1	....	..	2	....	..	..	..	1	..	..	..	1	..	..	..	..
43. Cancer and other malignant tumors of the breast	3	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	3	....	1	2	....	2	1	....	1	..	..	1	..	..	..	..	1	..	..	..
44. Cancer and other malignant tumors of the skin	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	..	1	....	..	1	....	..	..	..	..	..	..	..	1	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	1	..	..	..	..	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	..	..	..	1	..	..	..	..
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	..	1	....	..	1	....	..	..	..	..	..	..	..	..	1	..	..	..
54. Anaemia, chlorosis	4	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2	....	2	2	....	..	4	....	..	..	..	1	..	1	..	..	1	..	1	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	19	1	..	1	..	1	..	..	..	1	2	..	2	6	2	3	..	9	10	....	13	5	1	6	13	....	5	..	2	1	..	3	..	1	1	3	..	3
60. Encephalitis	4	..	..	1	..	..	..	..	..	1	..	..	1	1	..	..	..	2	2	....	4	..	....	2	2	....	2	..	..	..	..	2	..	..	..	..	..	..
61. Meningitis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	..	..	1	..	1	....	..	..	..	1	..	..	..	..	..	..	..	..
64. Cerebral haemorrhage, apoplexy	4	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	..	1	3	....	3	1	....	..	4	....	..	..	..	1	..	..	..	..	1	1	..	1
66. Paralysis without specified cause	6	..	..	..	..	..	..	..	..	..	1	..	..	2	1	2	..	3	3	....	2	4	....	1	5	....	1	..	..	..	..	..	..	1	..	2	..	2

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WOODSTOCK—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
X.—Congenital Malformations.																																						
Group Total	3	3																2	1		3			3				1							1	1		
150. Congenital malformations (still-births not included)	3	3																2	1		3			3				1							1	1		
XI.—Diseases of Early Infancy.																																						
Group Total	9	9																4	5		9			9			2	1		2	2	1			1			
151. Congenital debility, icterus, and sclerema	9	9																4	5		9			9			2	1		2	2	1			1			
154. XII.—Old Age.																																						
Group Total	12														2	10		3	9		5	7		1	11		2	1	1		1	2	1	2		1	1	
XIII.—Affections Produced by External Causes.																																						
Group Total	5									1	1		1			2		2	3		3	2			5			1	1						1	1	1	
157. Suicide by hanging or strangulation	1										1							1				1			1										1			
160. Suicide by cutting or piercing instruments	1									1									1		1			1											1		
172. Traumatism by fall	1												1					1			1			1											1		
185. Fractures cause not specified)	2															2			2		1	1			2			1	1								
Still-Births.																																						
Not included in totals	9	9																4	4	1	9			9				3	1	1	1					1	2

CAUSES OF DEATH IN THE TOWN OF BARRIE, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.		Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																				
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	128	19	3	3	1		4	4	4	9	10	10	9	14	19	19			63	65		92	35	1	60	67	1	14	15	14	12	15	8	5	9	10	12	7	7
I.—General Diseases.																																						
Group Total	28	....	1	1	....	....	3	1	1	5	5	4	3	2	1	1	..		13	15	....	20	8	....	14	14	....	4	2	6	2	1	2	1	1	5	1	3	..
1. Typhoid fever	2	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....		2	....	....	....	2	....	....	2	....	2	....	....	....	....	....	....	....	....	....	....	..
7. Scarlet fever	2	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....		1	1	....	2	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	2	..
8. Whooping cough	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....		1	....	....	....	1	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	..
9. Diphtheria and croup	3	....	....	....	....	....	2	..	1	....	....	....	....	....	....	....	....		....	3	....	3	....	....	3	....	....	....	....	....	....	....	....	2	1	....	....	....	..
10. Influenza	7	....	....	....	....	....	....	....	....	4	2	..	1	....	....	....	....		....	7	....	5	2	....	3	4	....	..	2	4	....	....	....	1	....	....	....	....	..
20. Purulent infection and septicaemia	3	....	....	....	....	....	....	....	....	1	..	1	....	....	....	1	..		2	1	....	2	1	....	2	1	....	1	..	1	1	....	....	....	....	....	....	....	..
Total deaths from tuberculosis	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		2	2	....	4	....	....	1	3	....	1	..	....	....	....	....	....	....	....	....	1	..
28. Tuberculosis of the lungs	3	....	....	....	....	....	....	....	....	....	1	..	2	....	....	....	....		1	2	....	3	....	....	1	2	....	1	..	....	....	....	....	....	1	1	..	....	..
32. Pott's disease	1	....	....	....	....	....	....	....	....	....	1	..	....	....	....	....	....		1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	..
40. Cancer and other malignant tumors of the stomach, liver	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....		1	....	....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	..
45. Cancer and other malignant tumors of other organs or of organs not specified	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....		1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	..
47. Acute articular rheumatism	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....		1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	..
50. Diabetes	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....		1	....	....	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	..
54. Anaemia, chlorosis	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....		1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	..
59. Other chronic poisonings	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....		....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	9	3	....	....	....	....	....	....	....	....	....	1	....	....	2	3	..		5	4	....	8	1	....	5	4	....	1	..	1	..	2	1	....	....	2	..	2	
64. Cerebral haemorrhage, apoplexy	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	..		1	1	....	2	....	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	1	
65. Softening of the brain	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....		1	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	
66. Paralysis without specified cause	2	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....		2	....	....	....	1	....	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	
68. Other forms of mental alienation	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....		....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	
71. Convulsions of infants	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		1	2	....	3	....	....	3	....	....	....	....	....	....	1	1	....	....	....	....	....	..

BARRIE—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
III.—Diseases of the Circulatory System																																						
Group Total	15												2	5	7	1		6	9		11	3	1	2	13		2	3		3	2	1		1	1	2		
79. Organic diseases of the heart	11												2	2	7			5	6		8	2	1	2	9		1	2		1	2	1		1	1	2		
80. Angina pectoris	2												1		1			1	1		1	1			2			1		1							
81. Diseases of the arteries, atheroma, aneurism, etc.	2													2					2		2				2		1			1							
IV.—Diseases of the Respiratory System																																						
Group Total	13	2	1				1		1		1	1	1	1	2	2		6	7		7	6		6	7		1	6	3	1	1			1			
87. Diseases of the larynx	1						1											1			1			1					1								
89. Acute bronchitis	1	1																1			1			1				1									
90. Chronic bronchitis	1															1			1			1			1				1								
91. Broncho-pneumonia	3	1											1	1				1	2		2	1		2	1		1	1		1							
92. Pneumonia	5							1							2	1		3	2		2	3		1	4			4		1							
93. Pleurisy	1																		1		1			1					1								
96. Asthma	1											1							1			1			1								1				
V.—Diseases of the Digestive System.																																						
Group Total	14	3	1	1	1			1		1	1	1	2	2				9	5		12	2		9	5		1		1	1	3	1	1	1	2	1	1
100. Diseases of the pharynx	1											1							1		1				1						1						
102. Ulcer of the stomach	1												1					1			1				1		1										
104. Diarrhoea and enteritis (under 2 years)	3	2	1															2	1		3			3					1			1			1		
105. Diarrhoea and enteritis (2 years and over)	2			1										1				2			2			1	1						1			1			
108. Appendicitis and typhlitis	3				1			1		1								1	2		3			3							1			1			1
109. Hernia, intestinal obstructions	2										1			1				1	1		1	1			2							1	1				
117. Simple peritonitis (non-puerperal)	2	1											1					2			1	1		2						1					1		
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	7							1			1	1	1	1	1	1		3	4		3	4		3	4		3							1		3		
120. Bright's disease	6							1				1	1	1	1	1		2	4		3	3		3	3		3									3		
125. Diseases of the urethra, urinary abscess, etc.	1										1							1				1			1								1				
VII.—The Puerperal State.																																						
Group Total	3									2	1								3		3				3		1			1			1				
134. Accidents of pregnancy	1									1									1		1				1								1				
137. Puerperal septicaemia	1									1									1		1				1		1										
138. Puerperal albuminuria and convulsions	1										1								1		1				1					1							

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CAUSES OF DEATH IN THE TOWN OF BROCKVILLE, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**194**	**31**	**3**	**2**	**1**	**1**	**2**	**6**	**2**	**10**	**15**	**10**	**18**	**36**	**29**	**28**		**102**	**92**		**157**	**37**		**68**	**126**		**19**	**35**	**11**	**16**	**21**	**11**	**11**	**9**	**18**	**16**	**9**	**18**
I.—General Diseases.																																					
Group Total	55	3	2	1	1	..	..	..	2	5	7	6	6	11	6	5	..	24	31	....	46	9	....	18	37	....	6	14	4	3	6	6	4	1	6	2	2	1
1. Typhoid fever	2	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	2	..	....	2	..	....	2	..	....	..	..	..	..	1	..	1	..	..	..	..	..
7. Scarlet fever	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	....	2	..	....	2	..	....	1	..	..	..	..	1	..	..	..	..	..	..
8. Whooping cough	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	....	2	..	....	2	..	....	..	..	..	..	..	..	..	..	1	..	..	1
9. Diphtheria and croup	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..
10. Influenza	16	..	..	..	..	..	..	..	1	1	4	4	1	3	1	1	..	9	7	....	11	5	....	3	13	....	..	12	3	..	..	..	..	..	..	1	..
14. Dysentery	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	1	..	..	..
18. Erysipelas	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	1	..	..	..	..	..
Total deaths from tuberculosis	7	..	..	..	..	..	..	..	..	4	1	..	1	1	..	..	..	2	5	....	6	1	....	5	2	....	..	..	..	1	2	2	2	..	..	..	..
28. Tuberculosis of the lungs	6	..	..	..	..	..	..	..	..	4	1	..	..	1	..	..	..	2	4	....	5	1	....	4	2	....	..	..	..	1	2	1	2	..	..	..	..
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	1	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	4	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	..	2	2	....	4	..	....	..	4	....	..	1	..	1	1	..	..	..	1	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	4	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	..	2	2	....	4	..	....	1	3	....	..	..	..	..	..	1	1	..	2	..	..	..
42. Cancer and other malignant tumors of the female genital organs	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	....	1	..	....	..	1	....	1	..	..	..	..	..	..	..	..	..	..	..
43. Cancer and other malignant tumors of the breast	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1	....	2	..	....	..	2	....	..	..	..	1	..	1	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	6	..	..	..	..	..	..	..	..	..	..	1	..	2	1	1	1	..	1	5	....	5	1	....	..	6	....	1	..	..	1	1	1	..	..	..	2	..	..
47. Acute articular rheumatism	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	..	1	....	1	..	....	..	..	..	..	..	..	..	..	..	..	1	..
50. Diabetes	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	..	1	....	..	1	....	..	..	..	..	..	..	..	1	..	..	..	..
54. Anaemia, chlorosis	4	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	..	3	1	....	3	1	....	..	4	....	2	1	..	..	..	..	..	..	1	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	16	2	..	..	..	..	..	..	..	1	..	2	3	2	2	4	..	10	6	....	11	5	....	3	13	....	2	4	1	..	..	1	3	..	2	..	1	2
61. Meningitis	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..
64. Cerebral haemorrhage, apoplexy	9	..	..	..	..	..	..	..	..	..	..	..	2	1	2	4	..	5	4	....	5	4	....	..	9	....	2	1	1	..	..	1	..	..	2	..	1	1

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BROCKVILLE—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	2																2	1	1		2			1	1			1										1
142. Gangrene	2																2	1	1		2			1	1			1										1
XI.—Diseases of Early Infancy.																																						
Group Total	14	14																8	6		14			14			2	1	1	2	2			1	2		3
151. Congenital debility, icterus, and sclerema	12	12																6	6		12			12			2	1	1	1	2			1	1		3
152. Other diseases peculiar to early infancy	2	2																2			2			2						1				1			
154. XII.—Old Age.																																						
Group Total	11														4	7		4	7		7	4		1	10		2	1		1	1	2		2	1	1		
XIII.—Affections Produced by External Causes.																																						
Group Total	8						1	3					2	1	1			5	3		7	1		4	4		1			1	1	1			1	3	
172. Traumatism by fall	1														1				1			1			1										1		
175. Traumatism by other crushing	2						1	1										1	1		2			2			1				1						
(a) Railroad																																						
(b) Street car																																						
(c) Automobile	2						1	1										1	1		2			2			1				1						
(d) Other crushing																																						
185. Fractures (cause not specified)	4							1					2	1				4			4			1	3					1	1				2		
186. Other external violence	1							1											1		1			1											1		
XIV.—Ill-Defined Diseases.																																						
Group Total	3											1	1		1			3			3				3			1				1			1		
187. Ill-defined organic disease	1												1					1			1				1							1					
189. Cause of death not specified or ill-defined	2											1			1			2			2				2			1						1		
Still-Births.																																						
Not included in totals	8	8																6	2		8			8					1		2		1	2		1	1

CAUSES OF DEATH IN THE TOWN OF COBALT, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	119	38	9	4	4	5	7	5	3	10	15	5	4	5	3	2		70	49		97	19	3	81	36	2	9	39	11	10	7	7	3	4	6	8	8	7
I.—General Diseases.																																					
Group Total 1	48	5	4	4	3	4	3	4	1	7	7	2	1	2	1			23	25		40	8		30	18		2	27	5	1	2	3		2		1	3	2
6. Measles	2					1		1										2			2			2													
8. Whooping cough	6	2		2				1										2	4		6			6				4	1						1		
9. Diphtheria and croup	4	1				1	1	1										2	2		4			4			1		1		1	1					
10. Influenza	26	1	3	1	2	2	1	1		6	6	1			1	1		11	15		13	5		13	13			22	3	1			1				1	1
20. Purulent infection and septicaemia	1	1																1			1			1													
Total deaths from tuberculosis	6			1	1				1	1	1			1				2	4		4	2		3	3		1	1			1		1			1	1
28. Tuberculosis of the lungs	3								1	1				1					3		2	1		1	2		1	1									
30 Tuberculous meningitis	2			1	1													1	1		2			2							1				1		
34. Tuberculosis of other organs	1										1							1			1			1						1						1	
40. Cancer and other mal gnant tumors of the stomach, liver	2											1						2				1			1												1
50. Diabetes	1						1						1		1			1	1		1			1	2							1		1			
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	5	1					1			1		2						3	2		3	2		3	2		1				1				1	1	1
61 Meningitis	1						1												1		1			1			1										
64. Cerebral haemorrhage, apoplexy	2	1										1						1	1		2			1	1						1						
68. Other forms of mental alienation	1									1								1				1		1													1
73. Neuralgia and neuritis	1											1						1				1		1													
III.—Diseases of the Circulatory System																		1				1			1										1		1
Group Total	9					1			1	2		1	3	1				8	1		2	5	2	2	5	2		1	3		1	1			1	1	1
78 Acute endocarditis	1					1												1			1			1												
79. Organic diseases of the heart	5									1	1		1	2				1	4	1		4	1	1	3	1			2		1				1	1	
81. Diseases o the arteries, atheroma, aneurism etc.	3										1			1				2	1		1	1	1		2	1		1	1					1			

COBALT—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
IV.—Diseases of the Respiratory System.																																						
Group Total	17	3	4				2	1	1		4		2					12	5		16	1		12	5		2	7	2	3		1				2		
89. Acute bronchitis	1		1															1			1			1				1									
90. Chronic bronchitis	1												1					1				1			1			4	1	1		1			1		
91. Broncho-pneumonia	8	2	3				2	1										5	3		8			8			2	2		2					1		
92. Pneumonia	7	1							1		4		1					5	2		7			3	4										1		
V.—Diseases of the Digestive System.																																					
Group Total	12	10			1	1												5	7		12			12						1			1	2	2	3	1	2
100. Diseases of the pharynx	1					1													1		1			1													1
104. Diarrhoea and enteritis (under 2 years)	10	10																5	5		10			10						1				2	2	3	1	1
117. Simple peritonitis (non-puerperal)	1				1														1		1			1									1					
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																					
Group Total	1													1					1		1				1											1		
120. Bright's disease	1													1					1		1				1											1		
IX.—Diseases of the Bones and of the Organs of Locomotion.																																					
Group Total	1																	1			1			1												1		
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1		1															1			1			1												1		
X.—Congenital Malformations.																																					
Group Total	3	3																3			3			3			1			1					1			
150. Congenital malformations (still-births not included)	3	3																3			3			3			1			1					1			
XI.—Diseases of Early Infancy.																																					
Group Total	16	16																11	5		16			16			1	3	1	3	3	1	1		1		1	1
151. Congenital debility, icterus, and sclerema	16	16																11	5		16			16			1	3	1	3	3	1	1		1		1	1

1 4. XII.—Old Age.

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CAUSES OF DEATH IN THE TOWN OF COLLINGWOOD, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**102**	**21**	**4**				**1**		**1**	**7**	**7**	**8**	**9**	**12**	**15**	**16**	**1**	**41**	**61**		**67**	**29**	**6**	**38**	**58**	**6**	**3**	**10**	**11**	**13**	**13**	**7**	**7**	**7**	**10**	**7**	**7**	**7**
I.—General Diseases.																																					
Group Total	20	1	2				1			4	4	2	4	2				9	11		18	2		10	10		1	4	2	7			1	2	1	1		1
8. Whooping cough	2	1	1															2			2			2						2								
10. Influenza	1										1							1			1				1		1										
20. Purulent infection and septicaemia	1												1					1			1				1								1				
Total deaths from tuberculosis	11		1				1			4	3	1	1					3	8		9	2		5	6			4	1	3			1	1				1
28. Tuberculosis of the lungs	11		1				1			4	3	1	1					3	8		9	2		5	6			4	1	3			1	1				1
43. Cancer and other malignant tumors of the breast	1													1					1		1			1											1			
45. Cancer and other malignant tumors of other organs or of organs not specified	4											1	2	1				2	2		4			2	2				1	2					1			
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	9	1										1	1	2	3	1		3	6		6	2	1	1	8			2	2	1		1	1	1	1		
61. Meningitis	1	1																	1		1			1				1									
63. Other diseases of the spinal cord	1														1				1			1			1			1								
64. Cerebral haemorrhage, apoplexy	5												1	2	1	1		2	3		3	1	1		5				1	1		1		1			
66. Paralysis without specified cause	1											1							1		1				1			1									
74. Other diseases of the nervous system	1														1			1			1				1							1					
III.—Diseases of the Circulatory System																																					
Group Total	18											1	1	8	5	3		9	9		10	7	1	2	11	5		2	1	4	3	1	1	2	1	2	1
79. Organic diseases of the heart	15											1		6	5	3		7	8		7	7	1	2	8	5		1	1	3	2	1	1	2	1	2	1
81. Diseases of the arteries, atheroma, aneurism, etc.	3												1	2				2	1		3				3			1		1	1						

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COLLINGWOOD—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XI.—Diseases of Early Infancy.																																						
Group Total	8	8																3	5		8			8			1	1	1		1	3		1			
151. Congenital debility, icterus, and sclerema	6	6																3	3		6			6			1		1		1	2		1			
152. Other diseases peculiar to early infancy	2	2																	2		2			2				1				1					
154. XII.—Old Age.																																						
Group Total	14														6	8		6	8		2	11	1	1	13		2		1		2		1		1	3	1	3
XIII.—Affections Produced by External Causes.																																						
Group Total	3								1		1					1		1	2		2	1		1	2								1		1		1
157. Suicide by hanging or strangulation	1										1								1		1				1										1		
170. Traumatism by firearms	1								1									1			1																
185. Fractures (cause not specified)	1															1			1			1			1								1				
XIV.—Ill-Defined Diseases.																																						
Still-Births.																																						
Not included in totals	6	6																2	2	2	6			6			1		1	1		1	1			1		

CAUSES OF DEATH IN THE TOWN OF CORNWALL, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	197	27	9	2	3	3	5	8	8	18	10	9	12	23	39	20	1	101	96		180	15	2	90	105	2	22	24	19	18	15	16	15	11	13	18	10	16
I.—General Diseases.																																						
Group Total	47	1	1	2	1	1	3	3	4	10	4	1	3	7	6	..	..	22	25	....	45	2	....	27	20	....	5	4	5	5	1	6	5	2	4	3	3	4
1. Typhoid fever	11	....	....	....	....	....	....	....	2	6	1	..	1	1	..	..	..	5	6	....	11	....	....	8	3	....	3	..	..	2	..	4	..	1	..	1	..	..
6. Measles	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....
7. Scarlet fever	2	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	2	....	2	....	....	2	....	....	....	....	....	1	....	....	....	....	....	1	....	....
9. Diphtheria and croup	3	....	....	....	....	1	1	1	....	....	....	....	....	....	....	....	....	2	1	....	3	....	....	3	....	....	....	....	1	....	....	....	1	....	....	....	....	1
20. Purulent infection and septicaemia	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
Total deaths from tuberculosis	13	1	1	1	....	....	1	..	2	4	2	1	....	....	....	....	....	6	7	....	13	....	....	8	5	....	2	2	1	....	..	2	3	1	1	..	1	..
28. Tuberculosis of the lungs	9	....	....	1	....	....	....	....	1	4	2	1	....	....	....	....	....	4	5	....	9	....	....	4	5	....	1	2	1	....	..	1	3	....	....	..	1	..
30. Tuberculous meningitis	3	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	2	....	3	....	....	3	....	....	1	....	....	....	....	1	....	....	1	....	....	....
32. Pott's disease	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	4	....	....	....	....	....	....	....	....	....	1	....	....	1	2	....	....	4	....	....	3	1	....	2	2	....	....	....	....	....	1	....	....	....	....	....	2	1
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	3	....	....	....	....	....	....	....	....	....	....	....	1	..	2	....	....	....	3	....	3	....	....	....	3	....	....	1	1	....	....	....	....	....	1	....	....	....
42. Cancer and other malignant tumors of the female genital organs	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	4	....	....	....	....	....	1	....	....	....	....	....	....	2	1	....	....	....	3	1	....	4	....	....	1	3	....	....	....	1	....	....	1	..	2	....	....	..
47. Acute articular rheumatism	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	..
50. Diabetes	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1
54. Anaemia, chlorosis	2	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	1	2	....	2	....	....	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	1
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	16	....	....	....	1	....	....	1	....	....	..	1	1	3	6	3	..	8	8	....	13	3	....	3	12	1	3	..	2	1	1	1	1	1	1	4	1	..
61. Meningitis	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
64. Cerebral haemorrhage, apoplexy	13	....	....	....	....	....	....	....	....	....	....	1	....	3	6	3	..	5	8	....	10	3	....	....	12	1	3	..	2	..	1	....	..	1	1	4	1	..
69. Epilepsy	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
71. Convulsions of infants	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
III.—Diseases of the Circulatory System																																						
Group Total	27							1	1		1	2	1	9	11	1		10	17		24	3		5	22		2	5	3		3	2		2	4	2		4
78. Acute endocarditis	1							1											1		1			1											1		
79. Organic diseases of the heart	15										1	1	1	7	4	1		5	10		14	1		3	12		2	4			2	2			2			3
81. Diseases of the arteries, atheroma, aneurism, etc.	10											1		2	7			4	6		8	2			10			1	3		1			1	2	1		1
85. Haemorrhage; other diseases of the circulatory system	1								1									1			1			1										1				
IV.—Diseases of the Respiratory System.																																						
Group Total	16	3	1		1			1	3	1	2	2	1	1				8	8		15		1	10	6			5	3	3	1	1	1			1	
91. Broncho-pneumonia	3	1	1											1				3			2		1	3				1		1						1	
92. Pneumonia	13	2			1			1	3	1	2	2		1				5	8		13			7	6			4	3	2	1	1	1				
V.—Diseases of the Digestive System.																																						
Group Total	17	4	4				2	1			2	1	1	1	1			9	8		17			12	5		1	1	1	4	1	1	2	1	1	3		1
103. Other diseases of the stomach (cancer excepted)	1														1			1			1				1			1									
104. Diarrhoea and enteritis (under 2 years)	8	4		4														5	3		8			8													
105. Diarrhoea and enteritis (2 years and over)	2										1				1			1	1		2			1	1					2	1	1	2				
108. Appendicitis and typhlitis	4						2				1	1						1	3		4			2	2		1		1		1				1		1
110. Diseases of the intestines	1										1								1		1				1					1							
117. Simple peritonitis (non-puerperal)	1							1										1			1			1						1							
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa																																						
Group Total	8							1	1		1		1	2	1	1		3	5		8			2	6			1	1	1				1		1	1	2
120. Bright's disease	4							1	1					1		1		1	3		4			2	2			1						1		1		1
122. Other diseases of the kidneys and annexa	2												1	1				1	1		2				2				1									1
124. Diseases of the bladder	2										1				1			1	1		2				2					1						1	
VII.—The Puerperal State.																																						
Group Total	4									4									4		4				4			1						1		1		1
137. Puerperal septicaemia	1									1									1		1				1			1									
138. Puerperal albuminuria and convulsions	3									3									3		3				3									1		1		1

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CORNWALL—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
(c) Automobile																																						
(d) Other crushing																																						
176. Injuries by animals	1										1							1				1			1						1							
185. Fractures (cause not specified)	2												1		1			1	1		1	1		1	1		2											
XIV.—Ill-Defined Diseases.																																						
Group Total	1												1					1				1			1													
189. Cause of death not specified or ill-defined	1												1					1				1			1						1							
Still-Births.																																						
Not included in totals	22	22																15	7		22			22						3	4	3	2	3	2	5		

CAUSES OF DEATH IN THE TOWN OF DUNDAS, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	78	15	2				1	1	1	3	4	2	8	11	13	16	1	42	36		50	28		33	44	1	4	9	11	9	7	3	7	7	4	6	6	5
I.—General Diseases.																																						
Group Total	12	1	1	..	..	..	1	..	1	..	1	..	3	2	1	..	1	4	8	..	8	4	..	6	6	..	..	1	1	2	..	..	3	1	1	2	1	..
8. Whooping cough	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
9. Diphtheria and croup	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
10. Influenza	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
18. Erysipelas	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Total deaths from tuberculosis	3	..	1	..	..	..	..	..	1	..	..	..	1	..	..	..	..	2	1	..	3	..	..	3	..	..	..	..	1	1	..	..	..	1	..	..	..	..
28. Tuberculosis of the lungs	2	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	1	1	..	2	..	..	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..
30. Tuberculous meningitis	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	2	1	..	2	1	..	..	3	..	..	..	..	..	1	..	1	..	1	..	..	..
46. Other tumors (tumors of the female genital organs excepted)	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	10	1	..	..	..	..	..	..	..	..	..	..	2	4	1	2	..	5	5	..	10	..	..	2	8	..	..	2	1	1	..	2	..	..	1	1	2	..
64. Cerebral haemorrhage, apoplexy	5	1	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	2	3	..	5	..	..	2	3	..	..	2	..	..	..	1	..	..	..	..	2	..
65. Softening of the brain	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	2	..	..	2	..	..	..	2	..	..	..	..	1	1	..	..	..	..	..	..	..
66. Paralysis without specified cause	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	1	2	..	3	..	..	..	3	..	..	..	..	..	..	1	..	..	1	1	..	..

DUNDAS—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	34	36	37	38
II.—Diseases of the Circulatory System																																						
Group Total	19							1					1	2	9	6		12	7		7	12		6	13		1	2	3	2	2		1	2	1	2	2	1
78 Acute endocarditis	1							1											1			1		1									1					
79. Organic diseases of the heart	13												1	2	6	4		9	4		6	7		4	9		1	1	1	1	2		1		1	2	2	1
80. Angina pectoris	1														1			1				1			1													
81. Diseases of the arteries, atheroma, aneurism, etc.	4														2	2		2	2		1	3		1	3			1	2					1				
IV.—Diseases of the Respiratory System																																						
Group Total	13	2	1							2			1	3	1	3		8	5		9	4		7	6			3	3	2		1		1			1	2
88. Diseases of the thyroid body	1													1				1			1				1								1					
89. Acute bronchitis	2													1		1		1	1			2			2				2								
91. Broncho-pneumonia	2	1	1															1	1		2			2				1		1							
92. Pneumonia	8	1								2			1	1	1	2		5	3		6	2		5	3			2	1	1		1				1	2
V.—Diseases of the Digestive System.																																						
Group Total	2	1										1						1	1		2			1	1								2					
104. Diarrhoea and enteritis (under 2 years)	1	1																1			1			1									1					
117. Simple peritonitis (non-puerperal)	1											1							1		1				1								1					
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	2										1		1					1	1		1	1			1	1	1							1				
120. Bright's disease	2										1		1					1	1		1	1			1	1	1							1				
VII —The Puerperal State.																																						
Group Total	3									1	1	1							3		2	1			3		1			2								
134. Accidents of pregnancy	1												1						1		1				1					1							
137. Puerperal septicaemia	2									1	1								2		1	1			2		1			1							
X.—Congenital Malformations.																																						
Group Total	4	4																2	2		4			4					2			1		1			
150 Congenital malformations (still-births not included)	4	4																2	2		4			4					2			1		1			

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	118	48	7	4	1	2	5	4	3	9	5	5	1	9	6	9		59	59		112	3	3	76	41	1	6	7	15	14	10	14	11	10	9	8	6	8
I.—General Diseases																																						
Group Total	28	1	2	2	1	1	2	3	2	5	3	3	1	1	..	1	..	9	19	....	27	....	1	14	14	....	3	4	4	4	2	2	1	2	2	1	..	3
1. Typhoid fever	4	....	..	..	1	..	..	1	..	1	1	..	....	..	..	..	..	1	3	....	4	....	....	3	1	....	..	..	..	..	..	1	..	2	..	..	..	1
8. Whooping cough	1	....	1	..	..	..	..	..	..	..	..	..	....	..	..	..	..	....	1	....	1	....	....	1	....	....	1	..	..	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	6	..	1	1	..	1	2	1	..	..	..	..	....	..	..	..	..	2	4	....	6	....	....	6	....	....	..	3	..	1	2	..	..	..	..	..	..	..
10. Influenza	5	1	..	1	..	..	..	..	..	..	1	..	1	..	..	..	1	3	2	....	5	....	....	2	3	....	..	1	2	1	..	..	1	..	..	..	..	..
Total death from tuberculosis	10	....	..	..	..	..	..	1	2	3	2	2	....	..	..	..	..	2	8	....	9	....	1	2	8	....	2	..	1	2	..	1	..	..	1	1	..	2
28. Tuberculosis of the lungs	9	....	..	..	..	..	..	1	2	3	2	1	....	..	..	..	..	2	7	....	8	....	1	2	7	....	2	..	..	2	..	1	..	..	1	1	..	2
32. Pott's disease	1	....	..	..	..	..	..	..	..	....	..	1	....	..	..	..	..	....	1	....	1	....	....	....	1	....	....	..	1	....	..	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	1	....	..	..	..	..	..	..	..	..	..	..	....	1	..	..	..	....	1	....	1	....	....	....	1	....	....	..	..	..	..	..	..	..	1	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	....	1	....	....	....	1	....	....	..	1	....	..	..	..	..	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	11	5	..	1	..	..	..	1	1	....	..	1	....	1	..	1	..	6	5	....	10	....	1	8	3	....	..	1	....	1	2	3	2	..	..	..	..	2
61. Meningitis	2	....	..	1	..	..	..	1	..	....	..	..	....	..	..	..	..	2	....	....	2	....	....	2	....	....	..	..	..	..	1	..	..	..	..	..	..	1
63. Other diseases of the spinal cord	1	1	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	....	1	....	1	....	....	1	....	....	..	..	..	..	..	..	..	1	..	1	..	..
66. Paralysis without specified cause	3	....	..	..	..	..	..	..	..	....	..	..	1	..	1	..	1	1	2	....	2	....	1	....	3	....	..	..	..	..	..	..	1	1	..	..	..	1
68. Other forms of mental alienation	1	....	..	..	..	..	..	..	1	....	..	..	....	..	..	..	..	....	1	....	1	....	....	1	....	....	..	..	..	..	..	..	1	..	..	..	..	..
71. Convulsions of infants	3	3	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	2	1	....	3	....	....	3	....	....	..	1	..	..	..	1	1	..	..	..	..	..
74. Other diseases of the nervous system	1	1	..	..	..	..	..	..	..	....	..	..	....	..	..	..	..	1	....	....	1	....	....	1	....	....	..	..	..	..	..	..	1	..	..	..	..	..
III.—Diseases of the Circulatory System																																					
Group Total	5	....	..	..	..	..	..	..	..	....	..	..	....	1	3	1	..	2	3	....	5	....	....	1	4	....	..	..	1	1	..	..	..	1	1	..	1	..
79. Organic diseases of the heart	5	....	..	..	..	..	..	..	..	....	..	..	....	1	3	1	..	2	3	....	5	....	....	1	4	....	..	..	1	1	..	..	..	1	1	..	1	..

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HAWKESBURY—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XI.—Diseases of Early Infancy.																																						
Group Total	17	17																12	5		17			17			1		1	3	4	2	1	1	2		1	1
151 Congenital debility, icterus, and sclerema	16	16																11	5		16			16			1		1	3	4	2	1	1	2		1	
152. Other diseases peculiar to early infancy	1	1																1			1			1														1
154. XII.—Old Age.																																						
Group Total	5													1	4			4	1		3	1	1		5		1		1	1	1	1						
XIII.—Affections Produced by External Causes.																																						
Group Total	5			1						1		1		1	1			4	1		5			2	2	1					1	1		1	2			
167. Burns (conflagration excepted)	1			1															1		1			1										1			
170. Traumatism by firearms	1									1								1			1			1											1			
175 Traumatism by other crushing	1													1				1			1					1						1						
(a) Railroad																																						
(b) Street car																																						
(c) Automobile																																						
(d) Other crushing	1													1				1			1					1					1							
185. Fractures (cause not specified)	2											1			1			2			2				2						1				1			
Still-Births.																																						
Not included in totals	4	4																3	1		4			4						1	1			1				1

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	95	16	1						3	7	8	7	7	13	26	13		49	46		69	24	2	34	61		6	15	9	6	5	3	10	10	11	8	6	6
I.—General Diseases.																																					
Group Total	24		1						2	5	1	4	2	7	1	1		12	12		20	4		8	16		1	5	2	1		2		3	5	2	1	2
1. Typhoid fever	1									1								1			1				1												1
9. Diphtheria and croup	1		1															1			1			1													1
10. Influenza	5									2	1			2				3	2		4	1		2	3			4	1								
20. Purulent infection and septicaemia	2													1	1			2			1	1		1	1			1			1						
Total deaths from tuberculosis	6								2	2		1					1	5	1		6			4	2					1		1		1	2	1	
28. Tuberculosis of the lung	3									2					1			3			3			2	1					1			1		1		
30. Tuberculous meningitis	2								2									2			2			2							1			1			
34. Tuberculosis of other organs	1											1							1		1				1												
40. Cancer and other malignant tumors of the stomach, liver	2											1	1					2			2				2				1					1		
43. Cancer and other malignant tumors of the breast	3											1	1	1				3			3				3								1	1			1
45. Cancer and other malignant tumors of other organs or of organs not specified	4											1		3				4			2	2			4		1						1	2			
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	10	4													4	2		3	7		8	2		6	4			1	2	1	1		1	1		3		
61. Meningitis	1	1																	1		1			1													
64. Cerebral haemorrhage, apoplexy	5														4	1			5		3	2		2	3												
66. Paralysis without specified cause	1															1			1		1				1				1						2		
71. Convulsions of infants	3	3																3			3			3				1		1					1		

INGERSOLL—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
III.—Diseases of the Circulatory System																																						
Group Total	9								1	1				2	4	1		6	3		7	1	1	2	7			1	1	1	1		2	1	1			2
77. Pericarditis	1								1									1					1	1														1
79. Organic diseases of the heart	5									1				1	3			4	1		5			1	4			1		1		1		1			1
81. Diseases of the arteries, atheroma, aneurism, etc	3													1	1	1		1	2		2	1			3				1			1	1				
IV.—Diseases of the Respiratory System																																						
Group Total	13	2								1	3		1	1	3	2		6	7		8	5		4	9		1	7	1		1		1		1		2	
91. Broncho-pneumonia	6	1											1	1	2	1		2	4		3	3		2	4			3	1		1						1	
92. Pneumonia	7	1								1	3				1	1		4	3		5	2		2	5		1	4					1			1	
V.—Diseases of the Digestive System.																																						
Group Total	7	2									1		1	1	1	1		2	5		5	2		3	4			1		1			1	3			1
103. Other diseases of the stomach (cancer excepted)	1															1		1				1			1									1			
104. Diarrhoea and enteritis (under 2 years)	1	1																	1		1			1										1			
108. Appendicitis and typhlitis	1													1					1		1				1									1			
109. Hernia, intestinal obstructions	2	1													1			1	1		1	1		1	1			1		1							
113. Cirrhosis of the liver	1												1						1		1				1												1
117. Simple peritonitis (non-puerperal)	1										1								1		1			1									1				
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	12										1		1	2	5	3		6	6		10	2			12		2		1	2			3		1	2	1	
119. Acute nephritis	1										1								1		1						1		1								
120. Bright's disease	9													1	2	4	2	4	5		8	1			9		1			2			3		1	2	
124. Diseases of the bladder	1															1		1				1			1		1										
126. Diseases of the prostate	1																1	1			1				1											1	
VII.—The Puerperal State.																																						
Group Total	1											1							1			1			1							1						
134. Accidents of pregnancy	1											1							1			1			1							1						
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	1												1						1			1			1									1				
143. Furuncle	1												1						1			1			1									1				

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CAUSES OF DEATH IN THE TOWN OF KENORA, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	79	30					1	2	2	4	5	10	8	11	4	1	1	52	26	1	52	20	7	43	31	5	14	4	7	4	5	5	8	4	11	4	4	9
I.—GENERAL DISEASES.																																						
Group Total	16	4						2	1	1		1		5	2			10	6		11	4	1	10	6		3	3	2		2	1		1	2	1		1
7. Scarlet fever	1							1										1			1			1										1			
8. Whooping cough	1	1																	1		1			1			1										
10. Influenza	7	2								1				3	1			4	3		6	1		3	4		2	2	2			1					
18. Erysipelas	2	1												1				2			1		1	2							1			1			
Total deaths from tuberculosis	2							1	1									1	1		1	1		2				1									1
28. Tuberculosis of the lungs	2							1	1									1	1		1	1		2				1									1
39. Cancer and other malignant tumors of the buccal cavity	1														1			1			1				1										1		
42. Cancer and other malignant tumors of the female genital organs	1											1							1			1			1						1						
45. Cancer and other malignant tumors of other organs or of organs not specified)	1													1				1				1		1										1			
II.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																																					
Group Total	2						1					1							2		2			2			1		1								
61. Meningitis	1							1											1		1			1			1										
69. Epilepsy	1											1							1		1			1					1								
III.—DISEASES OF THE CIRCULATORY SYSTEM																																					
Group Total	12											2	4	4	2			7	5		5	6			12		2		1	2	1	1	2		1	1	1
79. Organic diseases of the heart	7											2	3	1	1			5	2		3	4			7					2	1	1			1	1
81. Diseases of the arteri s, atheroma, aneurism, etc.	5												1	3				2	3		2	2			5		1		1				2		1		

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KENORA—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes																																						
Group Total	8								1	3	2	2						7	1		5		3	3	2	3	1			1		1	1	2		1	1	
163. Other suicides	1										1							1					1			1												
169. Accidental drowning	3								1	1		1						2	1		2		1	1	1	1				1			1	2				
170. Traumatism by firearms	2									1		1						2			2			1	1							1						
175. Traumatism by other crushing	2									1	1							2			1		1	1		1									1	1	
(a) Railroad	2									1	1							2			1		1	1		1									1	1	
(b) Street car																																					
(c) Automobile																																					
(d) Other crushing																																					
XIV.—Ill-Defined Diseases.																																					
Group Total	5											1	2	1			1	3	1	1		4	1	1	3	1			1	2		2					
189. Cause of death not specified or ill-defined	5											1	2	1			1	3	1	1		4	1	1	3	1			1	2		2					
Still-Births																																					
Not included in totals	6	6																1	5		6			6								1			2	1	2

CAUSES OF DEATH IN THE TOWN OF LINDSAY, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	137	12	2	1	1	3	3	3	3	8	7	12	14	14	31	22	1	65	72		110	23	4	47	87	3	9	26	11	11	9	12	9	12	10	8	9	11
I.—General Diseases.																																							
Group Total	40	2	1	..	..	2	1	1	2	1	2	7	8	4	9	..	..	14	26	..	36	4	..	14	26	..	1	13	3	2	2	2	1	1	5	5	3	2
1. Typhoid fever	2	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	2	..	1	1	..	..	2	..	..	..	..	..	..	1	..	..	..	1	..	..
6. Measles	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..	1	..	1	..
9. Diphtheria and croup	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
10. Influenza	8	..	..	..	..	..	..	1	..	..	..	1	2	3	1	..	..	3	5	..	7	1	..	2	6	..	6	2	..	..	..	..	..	..	..	..	..	..
14. Dysentery	2	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	2	..	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	..
18. Erysipelas	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
20. Purulent infection and septicaemia	2	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	2	..	2	..	..	2	..	..	..	..	..	1	..	..	..	..	..	..	..	1
Total deaths from tuberculosis	3	..	..	..	..	..	..	..	..	2	..	..	..	..	1	..	..	..	3	..	3	..	..	3	..	..	..	1	..	..	1	..	..	..	..	..	1	..
28. Tuberculosis of the lungs	3	..	..	..	..	..	..	..	..	2	..	..	..	..	1	..	..	..	3	..	3	..	..	3	..	..	..	1	..	..	1	..	..	..	..	..	1	..
40. Cancer and other malignant tumors of the stomach, liver	6	..	..	..	..	..	..	..	..	..	..	1	..	2	3	..	..	4	2	..	5	1	..	1	5	..	..	..	..	..	..	1	..	1	2	2	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
42. Cancer and other malignant tumors of the female genital organs	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
43. Cancer and other malignant tumors of the breast	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	..	1	1	..	..	2	..	..	1	..	..	..	..	..	..	..	..	1	..
51. Exophthalmic goitre	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..	2	..	..	..	2	..	..	..	..	..	2	..	..	..	..	..	..	..
53. Leuchaemia	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
54. Anaemia, chlorosis	5	..	..	..	..	..	..	..	..	..	..	1	2	1	..	1	..	..	1	4	..	5	..	..	..	5	..	..	4	..	..	..	..	..	..	1	..	..	..

LINDSAY—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	16								1	3		1	2	4	4	1		6	10		16			4	12		2	1	2	2	1	1		3	1		2	1
60. Encephalitis	1																		1		1			1						1								
61. Meningitis	2									2									2		2			2			1		1									
64. Cerebral haemorrhage, apoplexy	5								1				1	2	1			2	3		5			1	4			1	1	1		1					1	
65. Softening of the brain	1															1			1		1				1						1							
66. Paralysis without specified cause	5												1	2	2			4	1		5				5		1						2	1		1	
72. Chorea	1											1							1		1				1													
74. Other diseases of the nervous system	1														1				1		1				1								1					
III.—Diseases of the Circulatory System.																																						
Group Total	16										1	2		2		3			9		9	4	3	4	12		3	2	3	2	1	1		1	2			1
79. Organic diseases of the heart	11											2		2	6	1		5	6		6	2		3	8		2	1	2	1	1	1			2			1
81. Diseases of the arteries atheroma, aneurism, etc.	3														2	1		1	2		2	1		1	2		1		1					1				
82. Embolism and thrombosis	1															1		1				1			1						1							
85. Haemorrhage; other diseases of the circulatory system	1																		1		1				1			1										
IV.—Diseases of the Respiratory System																																						
Group Total	15			1		1				2	1		1	1	3	4	1	8	7		12	3		5	10		2	6		1	3	1	1				1	
90. Chronic bronchitis	3												1	1		1		3			3				3		2					1					
91. Broncho-pneumonia	3										1				1	1		2	1		3				3			1		1	1						
92. Pneumonia	8			1		1				2					2	2		2	6		5	3		4	4			5		1	1					1	
98. Other diseases of the respiratory system (tuberculosis excepted)	1																1	1			1			1							1						
V.—Diseases of the Digestive System.																																						
Group Total	13		1		1		2	1		1	1	1	1		2	2		8	5		9	3	1	7	6		1	1	2	2		3	1		1		2
100. Diseases of the pharynx	1														1			1				1			1							1					
104. Diarrhoea and enteritis (under 2 years)	1		1															1			1			1				1									
108. Appendicitis and typhlitis	4				1		2	1										2	2		4			4			1		1	1		1					
109. Hernia, intestinal obstructions	3											1		1		1		2	1		2	1			3				1	1							1
113. Cirrhosis of the liver	2										1					1		1	1			1	1	1	1								1		1			
115. Other diseases of the liver	1														1				1		1				1												1
117. Simple peritonitis (non-puerpera)	1									1								1			1			1								1					

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LINDSAY—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	5							1			1		1			2		3	2		3	2		1	4						1		2			2	
169. Accidental drowning	1							1										1			1			1							1						
172. Traumatism by fall	1															1			1		1				1												
185. Fractures (cause not specified)	2										1					1		1	1				2			2							1				1
186. Other external violence	1												1					1			1				1							1					
XIV.—Ill-Defined Diseases.																																					
Group Total	2										1		1					1	1		2				1	1				1	1						
189. Cause of death not specified or ill-defined	2										1		1					1	1		2				1	1				1	1						
Still-Births.																																					
Not included in totals	12	12																8	4		12			12			1	2	1	1	1		1	1	2	1	1

CAUSES OF DEATH IN THE TOWN OF MIDLAND, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1. 0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.		Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	99	39	2	1	2	1	2	1	1	2	7	6	9	14	6	6			47	52		89	8	2	54	45		11	8	9	7	5	9	6	7	5	14	11	7
I.—General Diseases.																																							
Group Total	25	6	1	..	1	..	..	..	1	1	2	4	4	4	..	1	..		9	16	....	21	3	1	10	15	....	1	1	1	3	..	3	3	1	1	3	5	3
6. Measles	2	....	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..		1	1	....	2	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	1	..
8. Whooping cough	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....	3	....	3	....	....	3	....	....	....	....	....	....	....	1	....	....	1	..	1	..
10. Influenza	1	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..		1	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....
14. Dysentery	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1
18. Erysipelas	1	....	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..		1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20. Purulent infection and septicaemia	2	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..		1	1	....	2	....	....	1	1	....	....	....	....	....	2	....	....	....	....	....	....	....
Total deaths from tuberculosis	5	....	..	..	..	..	..	..	1	1	..	1	....	2	..	..	..		1	4	....	3	1	1	1	4	....	1	..	..	..	..	..	2	..	..	..	1	1
28. Tuberculosis of the lungs	4	....	..	..	..	..	..	..	1	....	..	1	....	2	..	..	..		....	4	....	2	1	1	1	3	....	1	..	..	..	..	..	1	..	..	..	1	1
30. Tuberculous meningitis	1	....	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..		1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....
36. Rickets	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		1	....	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
40. Cancer and other malignant tumors of the stomach, liver	2	....	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..		1	1	....	2	....	....	....	2	....	....	....	....	....	....	....	....	....	....	2	..
42. Cancer and other malignant tumors of the female genital organs	1	....	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..		....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
43. Cancer and other malignant tumors of the breast	1	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..		1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....
44. Cancer and other malignant tumors of the skin	1	....	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..		....	1	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....
45. Cancer and other malignant tumors of other organs or of organs not specified	1	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..		1	....	....	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....
50. Diabetes	1	....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..		....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....
54. Anaemia, chlorosis	2	....	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..		....	2	....	2	....	....	....	2	....	....	....	....	....	....	....	1	....	....	1	....	....
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	8	3	..	..	..	..	..	1	..	..	1	..	1	2	..	..	..		3	5	....	7	1	....	5	3	....	1	1	1	....	..	1	....	1	1	2	..
61. Meningitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....
64. Cerebral haemorrhage, apoplexy	2	....	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..		1	1	....	2	....	....	....	2	....	....	1	....	....	....	1	....	....	....	....	....	....

MIDLAND—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
66. Paralysis without specified cause	1													1					1			1			1											1	
71. Convulsions of infants	2	2																	2		2			2											1	1	
74. Other diseases of the nervous system	2						1				1							1	1		2			2			1		1								
III.—Diseases of the Circulatory System																																						
Group Total	13									1	2		3	1	3	3		8	5		12	1		1	12			1	3	1	3	1	1	1		1		1
79. Organic diseases of the heart	5									1	1		1		2			3	2		5			1	4			1	1	1	1	1					
81. Diseases of the arteries, atheroma, aneurism, etc.	7												2	1	1	3		4	3		7				7			2		2		1	1		1		
82. Embolism and thrombosis	1										1							1				1			1												1
IV.—Diseases of the Respiratory System																																						
Group Total	15	6		1		1	1				1			5				9	6		14		1	10	5		3	1	1	1	1	1	3			1	2
89. Acute bronchitis	1	1																1			1			1													1
90. Chronic bronchitis	1													1				1					1		1												
92. Pneumonia	12	5		1		1	1							4				6	6		12			8	4		3	1	1	1	1	1	2		1	1
98. Other diseases of the respiratory system (tuberculosis excepted)	1										1							1			1			1									1				
V.—Diseases of the Digestive System.																																						
Group Total	12	8	1				1			1	1							5	7		11	1		10	2			1				1	1	1	6	1	1
104. Diarrhœa and enteritis (under 2 years)	7	6	1															2	5		7			7									1	1	4		1
108. Appendicitis and typhlitis	1										1								1		1				1			1									
109. Hernia, intestinal obstructions	2	1					1											2			2			2											1	1	
110. Diseases of the intestines	1	1																	1		1			1								1					
113. Cirrhosis of the liver	1											1						1				1			1									1			
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	1													1					1		1				1										1		
120. Bright's disease	1													1					1		1				1										1		
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	1												1					1			1			1				1									
144. Acute abscess	1												1					1			1			1				1									

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CAUSES OF DEATH IN THE TOWN OF NORTH BAY, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	203	60	12	4	3	4	6	5	6	16	24	19	11	13	12	5	3	119	84		172	25	6	125	71	7	28	37	14	12	13	14	8	21	8	16	15	17
I.—General Diseases.																																						
Group Total	60	6	5	3	2	2	3	4	3	7	11	7	2	3	1	..	1	30	30	....	51	9	....	37	22	1	4	22	3	3	4	4	2	4	3	5	4	2
1. Typhoid fever	3	..	..	..	..	..	1	1	..	..	..	1	..	..	..	..	..	..	3	....	3	..	....	2	1	....	..	..	..	..	..	..	..	2	..	..	1	..
6. Measles	6	2	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	4	2	....	6	..	....	6	..	....	1	..	1	1	1	1	..	..	..	..	..	..
7. Scarlet fever	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	1	..	..
8. Whooping cough	6	3	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	....	6	..	....	6	..	....	3	..	..	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	5	..	..	1	..	1	1	2	..	..	..	..	..	..	..	..	..	1	4	....	5	..	....	5	..	....	..	..	1	..	..	1	..	1	1	..	1	..
10. Influenza	22	..	..	1	..	..	..	1	2	4	7	3	1	2	..	..	1	12	10	....	16	6	....	7	14	1	..	20	..	..	..	..	..	..	..	1	3	..
20. Purulent infection and septicaemia	2	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	..	....	2	..	....	2	..	....	..	..	..	..	..	..	2	..	..	..	1	..	1
Total deaths from tuberculosis	9	..	..	..	1	..	..	..	1	3	3	..	1	..	..	..	..	6	3	....	8	1	....	6	3	....	..	2	1	1	1	..	1	..	1	1	..	1
28. Tuberculosis of the lungs	8	..	..	..	1	..	..	..	1	2	3	..	1	..	..	..	..	5	3	....	7	1	....	5	3	....	..	2	..	1	1	..	1	..	1	1	..	1
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	1	..	..	..	..	..	..	..	..	..
37. Syphilis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	1	..	..	..	..	..	..	..	..
42. Cancer and other malignant tumors of the female genital organs	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	..	1	....	..	..	..	..	1	..	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	..	1	....	1	..	....	..	..	..	..	..	..	..	..	..	1	..	..
50. Diabetes	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	..	1	....	1	..	....	..	..	..	..	1	..	..	..	..	..	..	..
52. Addison's disease	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	1	..	..	..	..	..	..	..
54. Anaemia, chlorosis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	..	..	1	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	8	1	..	..	..	1	..	..	1	..	2	1	..	1	1	..	..	3	5	....	8	..	....	5	3	....	1	..	..	..	2	1	..	1	..	2	..	1
61. Meningitis	3	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	3	....	3	..	....	3	..	....	..	..	..	..	1	1	..	..	..	..	..	1
63. Other diseases of the spinal cord	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	1	..	..	..	..	..	..	..
64. Cerebral haemorrhage, apoplexy	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	1	..	..
66. Paralysis without specified cause	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	....	2	..	....	2	..	....	1	..	..	..	..	..	..	1	..	..	..	..
69. Epilepsy	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	....	..	1	....	..	..	..	..	..	..	..	..	..	1	..	..

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NORTH BAY—Concluded.

Number of Columns.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
X.—Congenital Malformations.																																						
Group Total	1	1																1			1			1							1							
150. Congenital malformations (still-births not included)	1	1																1			1			1							1							
XI.—Diseases of Early Infancy.																																						
Group Total	29	29																17	12		29			29			5	3	4	3	3	3		3	1	1	1	2
151. Congenital debility, icterus, and sclerema	28	28																17	11		28			28			4	3	4	3	3	3		3	1	1	1	2
152. Other diseases peculiar to early infancy	1	1																	1		1			1			1											
154. XII.—Old Age																																						
Group Total	5														1	4		2	3		3	2			5								1	2			1	1
XIII.—Affections Produced by External Causes.																																						
Group Total	19		1	1		1			1	4	3	2	1	2		1	2	17	2		10	6	3	9	6	4	9	1	1	1		1		1	1	2	2	
170. Traumatism by firearms	1												1					1			1				1												1	
175. Traumatism by other crushing	9		1	1		1				1	1			2			2	8	1		4	2	3	4	2	3	7					1		1				
(a) Railroad	9		1	1		1				1	1			2			2	8	1		4	2	3	4	2	3	7					1		1				
(b) Street car																																						
(c) Automobile																																						
(d) Other crushing																																						
178 Excessive cold	1									1								1				1		1			1											
184. Homicide by other means	1											1						1									1											
185. Fractures (cause not specified)	3									1	1					1		2	1		2	1		2	1					1			1		1		
186. Other external violence	4								1	1	1	1						4			3	1		2	2		1	1							1	1	
XIV.—Ill-Defined Diseases.																																						
Group Total	1											1						1					1		1				1									
189. Cause of death not specified or ill-defined	1											1						1					1		1				1									
Still-Births.																																						
Not included in totals	9	9																3	6		9			9			4		1		1					1	2

CAUSES OF DEATH IN THE TOWN OF ORILLIA, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	113	18	2	3	3		1	1	4	7	6	5	10	17	18	18		58	55		82	24	7	40	53	20	9	14	12	6	11	6	9	15	7	9	8	7
I.—General Diseases.																																					
Group Total	29	1	1	1			1	2	2	2	5	4	5	2	3			15	14		23	4	2	8	17	4	3	8	3	2	3		3	1	1	2	1	2
9. Diphtheria and croup	1			1														1			1			1													
10. Influenza	8		1				1	1		1	1			1		2		5	3		5	2	1	3	4	1		5	2				1			1		
Total deaths from tuberculosis	5	1						1	1			1	1					2	3		4		1	4	1		1			1	1		1	1			
28. Tuberculosis of the lungs	4	1								1		1	1					1	3		3		1	3	1		1			1	1		1				
29. Acute miliary tuberculosis	1							1										1			1			1													
40. Cancer and other malignant tumors of the stomach, liver	2										1		1					2			2				1	1								1		1	
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1													1				1			1				1			1									
42. Cancer and other malignant tumors of the female genital organs	3												1	1		1			3		2	1		2	1	1				1			1				
43. Cancer and other malignant tumors of the breast	1											1							1			1			1		1										
45. Cancer and other malignant tumors of other organs or of organs not specified	3										1		1					1	2		3				3					1				1		1
48. Chronic rheumatism and gout	3										1		1	1				2	1		3				2	1	1			1				1		1
53. Addison's disease	1										1								1		1				1				1								
54. Anaemia, chlorosis	1										1							1			1				1			1									
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	9	1											1	5	1	1		7	2		7	1	1	1	6	2	1	1	1		1		1			3	1
61. Meningitis	1													1				1			1				1		1										
64. Cerebral haemorrhage, apoplexy	5												1	3		1		4	1		3	1	1		4	1		1								3	1
66. Paralysis without specified cause	2													1	1			2			2				1	1			1		1						
71. Convulsions of infants	1	1																1			1			1													

ORILLIA—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
III.—Diseases of the Circulatory System																																						
Group Total	22		1								2		1	4	9	5		9	13		14	5	3	3	13	6	2	2	2	1	2	2	1	1	3	3	2	1
78. Acute endocarditis	1															1		1			1					1							1					
79. Organic diseases of the heart	10										2			2	4	2		3	7		6	2	2	2	6	2	1		1	1		1		1	2	1	1	1
80. Angina pectoris	1													1				1			1				1											1		
81. Diseases of the arteries, atheroma, aneurism, etc.	8												1	1	5	1		3	5		4	3	1		5	3	1	2	1		2			1	1			
82. Embolism and thrombosis	1															1		1			1				1										1		
85. Haemorrhage; other diseases of the circulatory system	1		1																1		1			1							1						
IV.—Diseases of the Respiratory System																																						
Group Total	5			1									1	2	1			2	3		5			1	3	1	2			1		1	1					
90. Chronic bronchitis	1														1			1			1				1							1					
92. Pneumonia	3			1										2				1	2		3				2	1	2			1							
98. Other diseases of the respiratory system (tuberculosis excepted)	1												1						1		1			1							1						
V.—Diseases of the Digestive System.																																						
Group Total	9	3		1	2								2		1			5	4		6	3		6	1	2				1	1		1	3		3		
102. Ulcer of the stomach	1												1					1			1					1									1		
104. Diarrhoea and enteritis (under 2 years)	3	3																2	1		3			3										2	1		
105. Diarrhoea and enteritis (2 years and over)	2			1	1														2		2			2								1		1			
108. Appendicitis and typhlitis	2			1									1					1	1			2		1	1					1			1				
110. Diseases of the intestines	1														1			1				1				1				1							
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	4				1				2					1				2	2		3	1		3	1		1		1			1			1		
119. Acute nephritis	1								1										1		1			1					1								
120. Bright's disease	2				1									1				2			1	1		1			1								1		
130. Other diseases of the uterus	1								1										1		1			1								1					
VII.—The Puerperal State.																																						
Group Total	3									2	1								3		3				2	1			1		1		1					
138. Puerperal albuminuria and convulsions	3									2	1								3		3				2	1			1		1		1					

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CAUSES OF DEATH IN THE TOWN OF OSHAWA, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		0-1																																			
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	188	60	6	1	2	1	8	4	6	11	17	11	11	15	15	18	2	89	99		132	52	4	101	70	17	22	32	17	21	16	7	11	7	9	20	12	14
I.—General Diseases.																																					
Group Total	51	4	1	..	2	1	8	1	5	5	6	3	4	3	3	3	2	31	20	....	37	14	....	26	18	7	6	16	3	5	3	1	2	1	3	3	1	7
1. Typhoid fever	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	....	1	....	1	....	....	....	1	....	1	..	..	..	..	..	..	..	..	..	..	..
7. Scarlet fever	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	....	1	....	....	1	....	....	1	....	..	1	..	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	10	1	1	..	2	1	4	1	..	..	..	..	..	..	..	..	..	7	3	....	10	....	....	10	....	....	2	..	1	1	..	..	..	..	..	2	..	4
10. Influenza	16	2	..	..	..	..	3	..	1	4	2	..	..	2	..	..	2	9	7	....	11	5	....	10	4	2	..	12	..	2	1	..	..	..	..	..	..	1
18. Erysipelas	2	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	....	2	..	....	1	1	....	1	..	..	..	..	..	1	..	..	..	..	..
20. Purulent infection and septicaemia	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	....	..	1	....	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..
Total deaths from tuberculosis	6	..	..	..	..	..	1	..	2	..	2	..	1	..	..	..	..	2	4	....	4	2	....	2	3	1	1	1	1	..	..	1	1	..	..	1	..
28. Tuberculosis of the lungs	6	..	..	..	..	..	1	..	2	..	2	..	1	..	..	..	..	2	4	....	4	2	....	2	3	1	1	1	1	..	..	1	1	..	..	1	..
39. Cancer and other malignant tumors of the buccal cavity	2	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1	....	2	..	....	..	2	..	..	..	..	..	..	..	..	..	1	1	..	..
40. Cancer and other malignant tumors of the stomach, liver	2	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	2	..	....	..	2	....	..	..	2	..	..	..	..	..	..	..	..	1	..	..	1
43. Cancer and other malignant tumors of the breast	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	1	..	....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
45. Cancer and other malignant tumors of other organs or of organs not specified	3	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	1	2	....	2	1	....	..	3	....	1	..	..	1	1	..	..	..	..	..	..	..
47. Acute articular rheumatism	2	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	2	..	....	1	1	....	1	1	....	..	..	1	1	..	..	..	..	..	..	..	..
48. Chronic rheumatism and gout	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	....	1	..	....	..	1	....	..	1	..	..	..	..	..	..	..	..	..	..
50. Diabetes	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	....	1	..	....	1	..	....	..	..	..	..	..	1	..	..	..	..	..	..
54. Anaemia, chlorosis	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	..	1	....	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..
56. Alcoholism (acute or chronic)	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	....	1	..	....	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	13	2	1	..	..	..	..	..	..	..	1	1	..	4	2	2	..	4	9	....	5	7	1	4	8	1	2	2	1	3	..	..	1	..	..	1	3	..
61. Meningitis	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	....	1	..	....	..	..	..	..	..	..	..	..	..	..	1	..
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	....	..	1	....	..	1	....	..	..	..	..	..	..	..	..	..	..	1	..

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OSHAWA—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VII.—The Puerperal State.																																						
Group Total	4									1	3								4		4				4		2		1			1						
134. Accidents of pregnancy	2										2								2		2				2		1		1									
135. Puerperal haemorrhage	1										1								1		1				1		1											
138. Puerperal albuminuria and convulsions	1									1									1		1				1							1						
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	2	1									1							1	1		1	1		1	1					1		1						
144. Acute abscess	2	1									1							1	1		1	1		1	1					1		1						
IX.—Diseases of the Bones and of the Organs of Locomotion.																																						
Group Total	1													1					1			1			1		1											
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1													1					1			1			1		1											
X.—Congenital Malformations.																																						
Group Total	6	6																3	3		6			6			1		2		1				1	1	
150. Congenital malformations (still-births not included	6	6																3	3		6			6			1		2		1				1	1	
XI.—Diseases of Early Infancy.																																						
Group Total	33	33																13	20		33			33			4	3	4	5	4		2	2	1	3	3	2
151. Congenital debility, icterus, and sclerema	30	30																13	17		30			30			4	2	3	5	3		2	2	1	3	3	2
152. Other diseases peculiar to early infancy	3	3																	3		3			3				1	1		1							
154. XII.—Old Age.																																						
Group Total	10													1	4	5		4	6		2	7	1		9	1	2			1		1	3			2	1	

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	77	12	1				4	2	1	6	7	7	8	8	15	6		40	37		66	10	1	30	47		4	5	7	9	9	7	4	8	6	5	8	5
I.—General Diseases.																																					
Group Total	26	2	1	..	..	..	1	2	..	2	3	3	5	3	2	2	..	16	10	....	24	2	....	12	14	....	..	5	2	4	4	2	1	3	2	1	1	1
8. Whooping cough	3	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	3	....	3	..	..	3	..	..	..	..	..	..	..	1	..	1	1	..	..	..
10. Influenza	8	..	..	..	..	..	..	1	..	..	2	..	2	3	..	..	..	6	2	....	8	..	..	3	5	..	..	4	1	1	2	..	..	..	..	..	..	..
20. Purulent infection and septicaemia	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Total deaths from tuberculosis	6	..	..	..	..	..	..	1	..	2	..	2	1	..	..	..	..	5	1	....	6	..	..	3	3	..	..	1	1	1	1	..	1	1	..	..	..	..
28. Tuberculosis of the lungs	5	..	..	..	..	..	..	..	..	2	..	2	1	..	..	..	..	4	1	....	5	..	..	2	3	..	..	1	1	..	1	..	1	1	..	..	..	..
32. Pott's disease	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
36. Rickets	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
40. Cancer and other malignant tumors of the stomach, liver	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
43. Cancer and other malignant tumors of the breast	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	....	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	....	2	..	..	1	1	..	..	..	..	1	..	..	..	1	..	..	..	..
46. Other tumors (tumors of the female genital organs excepted)	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	....	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
54. Anaemia, chlorosis	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	2	..	....	1	1	....	..	2	..	..	..	..	..	..	1	..	..	..	..	1	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	6	2	..	..	..	..	2	..	..	..	..	1	..	1	..	..	..	3	3	....	5	..	1	5	1	....	..	..	..	3	1	..	2	..	..	..	..	..
60. Encephalitis	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	....	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..
61. Meningitis	2	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	....	2	..	..	2	..	..	..	..	..	..	1	..	1	..	..	..	..	..
63. Other diseases of the spinal cord	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	....	..	..	1	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..
64. Cerebral haemorrhage, apoplexy	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
76. Diseases of the ears	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	....	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..

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PARRY SOUND—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
154. XII.—Old Age.																																						
Group Total	3														1	2		2	1		2	1		1	2										1		2	
XIII.—Affections Produced by External Causes.																																						
Group Total	6									1	1	1		2	1			6			5	1			6				1		2	1		1			1	
160. Suicide by cutting or piercing instruments	1										1							1				1			1					1							
172. Traumatism by fall	2													2				2			2				2								1			1	
175. Traumatism by other crushing	2											1			1			2			2				2			1		1							
(a) Railroad	1														1			1			1				1			1									
(b) Street car																																					
(c) Automobile																																					
(d) Other crushing	1											1						1			1				1						1						
185. Fractures (cause not specified)	1									1								1			1				1					1						
XIV.—Ill-Defined Diseases.																																						
Group Total	1										1								1			1			1												1	
189. Cause of death not specified or ill-defined	1										1								1			1			1										1		
Still-Births.																																						
Not included in totals	8	8																4	4		8			8					2	1	1	2				2	

CAUSES OF DEATH IN THE TOWN OF PEMBROKE, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.															Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	189	49	5	3	3	2	4	7	5	14	14	15	15	22	22	9		113	76		163	26		102	87		16	42	20	17	18	10	15	11	10	12	12	6
I.—General Diseases.																																						
Group Total	64	6	1	1	2	1	2	2	2	9	9	8	8	5	7	1	..	34	30	....	53	11	....	33	31	....	2	22	10	5	4	2	6	3	2	3	3	2
1. Typhoid fever	2	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	2	....	....	2	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	1	..
6. Measles	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	..
8. Whooping cough	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	2	....	....	2	....	....	....	1	..	1	....	....	....	....	....	....	....	..
9. Diphtheria and croup	4	....	....	1	1	1	1	....	....	....	....	....	....	....	....	....	....	3	1	....	4	....	....	4	....	....	....	....	1	2	....	....	....	....	....	....	1	..
10. Influenza	20	3	....	....	1	..	1	2	2	3	4	2	2	....	....	....	....	8	12	....	17	3	....	11	9	....	....	12	7	..	1	....	....	1	....	....	....	..
13. Cholera nostras	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	..
Total deaths from tuberculosis	9	....	....	....	....	....	....	....	....	2	4	3	....	....	....	....	....	6	3	....	6	3	....	5	4	....	....	3	..	2	2	..	1	....	....	....	1	..
28. Tuberculosis of the lungs	9	....	....	....	....	....	....	....	....	2	4	3	....	....	....	....	....	6	3	....	6	3	....	5	4	....	....	3	..	2	2	..	1	....	....	....	1	..
39. Cancer and other malignant tumors of the buccal cavity	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	..
40. Cancer and other malignant tumors of the stomach, liver	4	....	....	....	....	....	....	....	....	....	....	....	1	1	2	....	....	3	1	....	3	1	....	....	4	....	....	....	....	....	....	1	1	....	....	1	..	1
42. Cancer and other malignant tumors of the female genital organs	4	....	....	....	....	....	....	....	....	....	1	1	2	....	....	....	....	1	3	....	3	1	....	1	3	....	1	..	1	..	....	....	1	1	....	....	....	..
44. Cancer and other malignant tumors of the skin	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	..
45. Cancer and other malignant tumors of other organs or of organs not specified	4	....	....	....	....	....	....	....	....	....	....	....	....	1	3	....	....	3	1	....	3	1	....	1	3	....	....	....	....	....	....	1	1	..	1	....	....	1
46. Other tumors (tumors of the female genital organs excepted)	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	..
47. Acute articular rheumatism	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	..	1	....	....	....	....	....	....	....	....	....	..
48. Chronic rheumatism and gout	2	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	1	1	....	2	....	....	2	....	....	1	1	....	....	....	....	....	....	....	....	....	..
50. Diabetes	3	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	....	....	3	....	3	....	....	1	2	....	....	..	1	..	1	..	....	....	....	1	....	..
54. Anaemia, chlorosis	3	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	2	1	....	2	1	....	....	3	....	....	..	....	....	....	....	1	1	....	....	....	..
55. Other general diseases	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	..

PEMBROKE—Continued.

Number of Columns.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	16	3	1				1		1	1	1		1	5	2			7	9		14	2		8	8		3	4	2		2	1	1		1	1		1
60. Encephalitis	3								1		1			1				2	1		3			1	2		1	2										
61. Meningitis	2					1				1								1	1		2			2				1			1						
62. Locomotor ataxia	1													1				1	1		1				1										1		
64. Cerebral haemorrhage, apoplexy	3													2	1			2	1		2	1			3		1				1			1			
65. Softening of the brain	1												1					1			1			1				1									
66. Paralysis without specified cause	1													1					1		1				1												
68. Other forms of mental alienation	1														1				1			1			1												1
71. Convulsions of infants	4	3	1															1	3		4			4			1		1		1	1					
III.—Diseases of the Circulatory System																																						
Group Total	20								1		1		4	4	7	3		14	6		17	3		4	16		1	2	1	2	5	3	4	1			1	
78. Acute endocarditis	3								1		1		1					2	1		2	1		3				2				1					
79. Organic diseases of the heart	12												2	2	5	3		8	4		10	2			12		1		1	1	2	2	3	1		1	
81. Diseases of the arteries, atheroma, aneurism, etc.	5												1	2	2			4	1		5			1	4					1	3	1					
IV.—Diseases of the Respiratory System																																						
Group Total	15	6	1	1				1			1	2		2	1			9	6		13	2		9	6		2	5	1	1	3	1		1	1			
89. Acute bronchitis	4	4																2	2		4			4			1	1		1				1			
90. Chronic bronchitis	1														1				1			1			1			1									
91. Broncho-pneumonia	3	2										1						3			3			2	1						2						
92. Pneumonia	5			1							1	1		2				3	2		4	1		1	4			2	1		1	1					
93. Pleurisy	2		1					1										1	1		2			2				1					1				
V.—Diseases of the Digestive System.																																						
Group Total	20	10	2			1		2		2			1	1	1			14	6		20			16	4			3	1	1			3	3	4	3	2	
104. Diarrhoea and enteritis (under 2 years)	12	10	2															8	4		12			12				1				2	3	4	2		
108. Appendicitis and typhlitis	4					1		2						1				2	2		4			3	1			2	1	1							
109. Hernia, intestinal obstructions	2									2								2			2			1	1							1				1	
113. Cirrhosis of the liver	1												1					1			1				1										1	
117. Simple peritonitis (non-puerperal)	1														1			1			1				1										1	

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PEMBROKE—Concluded.

Number of Columns.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
169. Accidental drowning	1				1													1			1			1						1								
172. Traumatism by fall	2													1	1			2			2				2							1				1		
175. Traumatism by other crushing	1											1						1				1			1					1							
(a) Railroad	1											1						1				1			1					1							
(b) Street car																																					
(c) Automobile																																					
(d) Other crushing																																					
176. Injuries by animals	1													1				1				1											1					
181. Electricity (lightning excepted)	1									1								1			1			1													
XIV.—Ill-Defined Diseases.																																					
Group Total	1														1				1			1			1											1		
188. Sudden death	1														1				1			1			1											1		
Still-Births.																																					
Not included in totals)	17	17																9	8		17			17			2		2	2	2	3	2		1		1

CAUSES OF DEATH IN THE TOWN OF PRESTON, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	79	21		6			1			1	6	5	9	7	8	7	8		44	35		68	11		38	40	1	8	14	11	12	5	2		7	1	6	7	6
I.—General Diseases.																																						
Group Total	15			3							1	3	5		3				7	8		13	2		8	7			4	3	4	2						2	
8. Whooping cough	1			1																1				1				1									
10. Influenza	6			2								2	1		1				3	3		5	1		4	2			3	2	1							
20. Purulent infection and septicaemia	1												1						1			1				1					1						
Total deaths from tuberculosis	3										1	1	1						1	2		3			3					1	1	1						
28. Tuberculosis of the lungs	2										1		1							2		2			2					1	1							
32. Pott's disease	1											1							1			1			1							1						
40. Cancer and other malignant tumors of the stomach, liver	2														2				2			1	1			2					1					1	
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1												1							1		1				1										1	
42. Cancer and other malignant tumors of the female genital organs	1												1							1		1				1											
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	10	3								1			1	2	2		1		4	6		7	3		5	5			1	2	2	1	1			2		1
61. Meningitis	1									1										1			1			1											1
64. Cerebral haemorrhage, apoplexy	5												1	2	1		1		1	4		3	2			2	3		1	2		1	1				
65. Softening of the brain	1														1					1		1				1									1		
71. Convulsions of infants	3	3																	3			3			3						2				1		
III.—Diseases of the Circulatory System.																																						
Group Total	7												1	1	2	3			3	4		7				7		2	1			1	2		1			
79. Organic diseases of the heart	4													1	1	2			1	3		4				4		1				2		1			
81. Diseases of the arteries, atheroma, aneurism, etc.	2														1	1			2			2				2			1			1					
82. Embolism and thrombosis	1												1							1		1				1		1									

PRESTON—Continued.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
IV.—Diseases of the Respiratory System																																						
Group Total	15	4	2							1	1	2	2	1	2			10	5		15			7	8		1	4	3	1				1		1	1	3
88. Diseases of the thyroid body	1												1					1			1				1			1									
91. Broncho-pneumonia	6	4	2															4	2		6			6			1	1	1				1				2
92. Pneumonia	8									1	1	2	1	1	2			5	3		8			1	7		1	3	1						1	1	1
V.—Diseases of the Digestive System																																						
Group Total	7	4				1				1					1			4	3		6	1		5	2		3						1	1	1	1	
100. Diseases of the pharynx	1					1													1		1			1			1										
104. Diarrhoea and enteritis (under 2 years)	4	4																2	2		4			4			1						1	1	1		
105. Diarrhoea and enteritis (2 years and over)	1														1			1			1				1		1										
109. Hernia, intestinal obstructions	1									1								1				1			1										1		
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	4									1			1		1	1		3	1		3	1		1	3		1	1	1				1					
120. Bright's disease	3									1			1		1			2	1		3			1	2		1		1				1				
124. Diseases of the bladder	1															1		1				1			1			1									
VII.—The Puerperal State.																																						
Group Total	2									1		1							2		1	1		1	1			1		1								
134. Accidents of pregnancy	1									1									1			1		1			1										
140. Following childbirth (not otherwise defined)	1											1							1		1				1				1								
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	1	1																1			1			1				1									
144. Acute abscess	1	1																1			1			1				1									
X.—Congenital Malformations.																																						
Group Total	2	2																1	1		2			2									1		1		
150. Congenital malformations (still-births not included)	2	2																1	1		2			2									1		1		

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	94	23	6			1		2		12	4	8	8	12	7	11		53	41		76	17	1	42	51	1	6	6	14	9	8	9	4	10	5	12	3	8
1.—General Diseases.																																					
Group Total	24	4	2					1		4	1	3	4	3	1	1		14	10		18	6		10	13	1		3	4	5	1	3	1	1	1	4		1
8. Whooping cough	5	3	2															2	3		5			5						4	1							
10. Influenza	6							1		2		1	1			1		6			4	2		3	2	1		3	1	1					1			
18. Erysipelas	1												1					1			1			1														
20. Purulent infection and septicaemia	1	1																	1		1			1											1			
Total deaths from tuberculosis	2									1		1							2		1	1			2							1			1			
28. Tuberculosis of the lungs	2									1		1							2		1	1			2							1			1			
40. Cancer and other malignant tumors of the stomach, liver	2												1	1				1	1		2			2				1			1						
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2									1				1				2			1	1		2				1				1					
42. Cancer and other malignant tumors of the female genital organs	1														1				1			1		1										1			
45. Cancer and other malignant tumors of other organs or of organs not specified	2												1	1				2		2			1	1											1		1
50. Diabetes	1										1							1				1			1								1				
54. Anaemia, chlorosis	1											1						1			1				1				1								
11.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	6	1				1						2			1	1		3	3		5	1		3	3				1	1		1		1				2
61. Meningitis	1											1							1		1			1														1
64. Cerebral haemorrhage, apoplexy	3											1			1	1		1	2		2	1			3					1		1					1
71. Convulsions of infants	2	1				1												2			2			2					1		1						

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RENFREW—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XI.—Diseases of Early Infancy.																																						
Group Total	8	8																5	3		8			8					1	1	2	1		1		1	1	
151. Congenital debility, icterus, and sclerema	7	7																4	3		7			7					1	1	2	1		1			1	
152. Other diseases peculiar to early infancy	1	1																1			1			1												1		
154. XII.—Old Age.																																						
Group Total	3														1	2			3		3				3				1							1	1	
XIII.—Affections Produced by External Causes.																																						
Group Total	1												1					1				1			1												1	
165. Other acute poisonings	1												1					1				1			1												1	
Still-Births.																																						
Not included in totals	12	12																9	3		12			12			1	2	1			1	2		1	1	1	2

CAUSES OF DEATH IN THE TOWN OF SMITH'S FALLS, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1. 0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	136	24	3		1	2		3	2	7		11	8	13	23	26	11	73	63		116	18	2	53	81	2	5	18	17	15	12	9	10	9	11	6	15	9
I.—General Diseases.																																						
Group Total	30	1			1		1	1	1	3	5	3	4	7	3			12	18		25	5		10	20		1	9	3	3	2	3	1	2	3		2	1
1. Typhoid fever	1													1					1			1			1												
6. Measles	1	1																	1		1			1						1							
8. Whooping cough	1				1														1		1			1												1	
9. Diphtheria and croup	2						1	1										1	1		1	1		2				2									
10. Influenza	8									1	3		2	2				3	5		7	1		1	7			5	1	1				1			
20. Purulent infection and septicaemia	1									1									1		1			1									1				
Total deaths from tuberculosis	8							1	1	2	1	2	1					4	4		6	2		3	5		1	1	1		1	2			1		1
28. Tuberculosis of the lungs	6							1	1	1	1	1	1					4	2		4	2		2	4			1	1		1	1			1		1
31. Abdominal tuberculosis	2										1		1						2		2			1	1		1				1						
40. Cancer and other malignant tumors of the stomach, liver	1													1				1			1			1													
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	4											1		2	1			2	2		4				4			1		2						1	
42. Cancer and other malignant tumors of the female genital organs	1													1					1			1			1									1			
54. Anaemia, chlorosis	2										1			1				1	1		2			1	1				1			1					
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	12	3					1						1	2	2	3		3	9		9	3		3	9		1		3	3			1		1	2	1
61. Meningitis	1													1				1			1				1										1		
64. Cerebral haemorrhage, apoplexy	5													1	1	3		1	4		3	2			5		1		1	2					1		
66. Paralysis without specified cause	2						1								1			1	1		1	1			2				1								
68. Other forms of mental alienation	1													1					1		1				1										1		
71. Convulsions of infants	2	2																	2		2			2													1
74. Other diseases of the nervous system	1	1																	1		1			1									1				

SMITH'S FALLS—Continued.

Number of Columns.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
III.—Diseases of the Circulatory System																																						
Group Total	25									1	1		4	5	12	2		16	9		22	3		6	19		2	2	1	2	3		2	2	3	2	4	2
79. Organic diseases of the heart	16									1	1		2	3	8	1		10	6		13	3		4	12		2	2	1	2	2		1	2	2		1	1
81. Diseases of the arteries, atheroma, aneurism, etc.	9												2	2	4	1		6	3		9			2	7						1		1		1	2	3	1
IV.—Diseases of the Respiratory System																																						
Group Total	21	1	2			1					2	2	1	3	5	4		12	9		17	4		6	15			2	6	3	2	1	1	1	1	2	1	1
91. Broncho-pneumonia	2	1	1															1	1		2			2									1					1
92. Pneumonia	17		1			1					2		1	3	5	4		9	8		14	3		4	13			2	5	3	1	1	1		1	2		1
93. Pleurisy	2											2						2			1	1			2				1		1						
V.—Diseases of the Digestive System.																																						
Group Total	10	2				1		1	1	1	1		2		1			7	3		9	1		6	3	1		2	3	1		1	1	1			1	
99. Diseases of the mouth and annexa	1	1																	1		1			1				1									
103. Other diseases of the stomach (cancer excepted)	1												1					1				1		1				1									
104. Diarrhoea and enteritis (under 2 years)	1	1																1			1			1							1						
105. Diarrhoea and enteritis (2 years and over)	1													1					1		1			1				1									
108. Appendicitis and typhlitis	5					1		1	1	1	1							5			5			3	1	1		1	1	1		1	1				
109. Hernia, intestinal obstructions	1												1						1		1				1											1	
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	6											2		2	1	1		4	2		5		1	1	4	1					2	1	2			1	
120. Bright's disease	2											2						2			2			1	1							1	1				
123. Calculi of the urinary passages	1													1					1		1				1						1						
126. Diseases of the prostate	2														1	1		2			1		1		1	1						1				1	
129. Uterine tumor (non-cancerous)	1													1					1		1				1						1						
XI.—Diseases of Early Infancy.																																						
Group Total	17	17																11	6		17			17			1	1	1	2	3	1		1	1	1	4	1
151. Congenital debility, icterus, and sclerema	16	16																10	6		16			16			1	1	1	2	3	1		1	1	1	4	
152. Other diseases peculiar to early infancy	1	1																1			1			1													1

| 154. | | |

CAUSES OF DEATH IN THE TOWN OF SUDBURY, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	**311**	**76**		**12**	**4**	**6**	**1**	**10**	**10**	**11**	**44**	**36**	**34**	**24**	**23**	**14**	**5**	**1**	**195**	**116**		**225**	**80**	**6**	**184**	**119**	**8**	**28**	**56**	**31**	**24**	**20**	**15**	**15**	**21**	**26**	**24**	**18**	**33**
I.—General Diseases.																																					
Group Total	102	10	5	2	1	1	5	7	7	19	14	17	4	7	3	..	..	69	33	..	67	33	2	61	40	1	7	34	11	7	3	3	3	2	4	10	5	13
1. Typhoid fever	9	..	..	..	..	..	..	..	2	1	4	2	..	..	..	..	..	..	6	3	..	4	5	..	7	2	..	..	..	..	..	..	1	..	2	2	1	3
6. Measles	5	2	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	4	1	..	5	..	..	5	..	..	1	1	1	1	..	1	..	..	..	..	..	..
7. Scarlet fever	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
8. Whooping cough	2	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2	..	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	6	..	2	1	..	2	1	..	..	..	..	..	..	..	..	..	..	..	5	1	..	6	..	..	6	..	..	..	..	..	..	1	..	1	..	..	1	1	3
10. Influenza	35	4	1	..	..	1	1	3	7	6	7	..	..	3	2	..	..	..	25	10	..	20	13	2	16	19	..	2	23	4	3	..	..	..	..	..	2	1	..
18. Erysipelas	2	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	1	..	2	..	..	1	1	..	..	..	1	..	..	..	..	..	..	1	..	..
20. Purulent infection and septicaemia	5	1	1	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	4	1	..	2	3	..	4	1	..	..	2	..	..	..	1	..	..	1	..	..	1
Total deaths from tuberculosis	19	2	..	..	..	1	..	2	3	6	3	1	1	..	..	..	..	..	11	8	..	13	6	..	15	4	..	1	4	3	2	1	..	..	1	1	3	1	2
28. Tuberculosis of the lungs	15	1	..	..	..	1	..	1	3	5	2	1	1	..	..	..	..	..	8	7	..	11	4	..	11	4	..	1	3	3	2	1	..	..	1	1	1	1	1
29. Acute miliary tuberculosis	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
30. Tuberculous meningitis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
31. Abdominal tuberculosis	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
34. Tuberculosis of other organs	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
40. Cancer and other malignant tumors of the stomach, liver	3	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	3	..	..	2	1	..	..	3	..	1	1	..	..	..	..	1	..	..	..	..	..
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
42. Cancer and other malignant tumors of the female genital organs	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
45. Cancer and other malignant tumors of other organs or of organs not specified	3	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	3	..	3	..	..	..	3	..	..	..	..	..	..	..	..	..	1	..	2
50. Diabetes	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
54. Anaemia, chlorosis	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..
56. Alcoholism (acute or chronic)	8	..	..	..	..	..	..	..	..	..	1	2	4	..	1	..	..	..	8	..	..	4	4	..	4	3	1	..	2	2	..	..	..	..	..	..	1	1	2

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SUDBURY—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
VII.—THE PUERPERAL STATE.																																						
Group Total	7									1	5	1							7		4	3			7		1		2						1		1	1	1
134. Accidents of pregnancy	2										2								2		2				2		1		1									
135. Puerperal haemorrhage	1										1								1			1			1													1
137. Puerperal septicaemia	3									1	2								3		1	2			3				1					1		1	
138. Puerperal albuminuria and convulsions	1											1							1		1				1										1			
VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.																																						
Group Total	1	1																1			1			1											1			
144. Acute abscess	1	1																1			1			1											1			
IX.—DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.																																						
Group Total	2						1					1						2			2			1	1									1		1		
146. Diseases of the bones (tuberculosis excepted)	1						1											1			1			1											1		
147. Diseases of the joints (tuberculosis and rheumatism excepted)	1											1						1			1				1								1				
X.—CONGENITAL MALFORMATIONS.																																						
Group Total	2	2																2			2			2			1		1									
150. Congenital malformations (still-births not included)	2	2																2			2			2			1		1									
XI.—DISEASES OF EARLY INFANCY.																																						
Group Total	23	23																11	12		23			23			1	2	1	3	2	1	2	2	4	1	2	2
151. Congenital debility, icterus, and sclerema	20	20																9	11		20			20			1	2	1	2	1		2	2	4	1	2	2
152. Other diseases peculiar to early infancy	3	3																2	1		3			3						1	1	1						
154. XII.—OLD AGE																																						
Group Total	12													3	5	3	1	5	7		7	4	1		11	1	1	1	2	1	2	1	1		2			1

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CAUSES OF DEATH IN THE TOWN OF TIMMINS, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	95	35		5	3	4	1		2	3	9	15	1	6	5	1		5	52	43		67	25	3	66	25	4	7	11	15	9	6	9	10	5	9		7	7
I.—General Diseases.																																							
Group Total	32	2	2	2	3			2	3	3	9		3	2			1	20	12		17	13	2	20	10	2	2	5	9	3	1	1	3		1		3	4
1. Typhoid fever	3							1	1	1								3			3			3								1				2	
6. Measles	2			1	1													1	1		2			2						1							
8. Whooping cough	2		1		1													1	1		2			2							1						
9. Diphtheria and croup	2					2													2			2			2			1										1
10. Influenza	16	1	1		1				1	2	8			1			1	11	5		8	6	2	8	7	1		5	8	1						1	1
Total deaths from tuberculosis	1													1				1				1			1								1				
28. Tuberculosis of the lungs	1													1				1				1			1								1				
47. Acute articular rheumatism	1								1										1			1		1													1
50. Diabetes	1																		1			1		1										1			
54. Anaemia, chlorosis	1											1							1			1															
56. Alcoholism (acute or chronic)	3													2	1			3				3		1	1	1				2							1
II.—Diseases of the Nervous System and of the Organs of Special Sense																																					
Group Total	2	1												1				2			2			2			1			1							
64. Cerebral haemorrhage, apoplexy	1													1				1			1			1						1							
71. Convulsions of infants	1	1																1			1			1			1										
III.—Diseases of the Circulatory System																																					
Group Total	5											1	1	1	2			3	2		3	2			5						1	1	1			2	
79. Organic diseases of the heart	3												1	1	1			2	1		2	1			3						1	1	1				
82. Embolism and thrombosis	2											1			1			1	1		1	1			2											2	

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OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																	Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	84	25	3	2			2	1	1	8	6	4	7	10	8	7		44	40		73	11		40	44		6	16	14	4	6	2	3	8	6	8	6	5
I.—General Diseases.																																						
Group Total	18	5	2	1	..	..	..	1	..	3	3	1	2	..	..	..	..	8	10	..	16	2	..	12	6	..	1	6	4	1	1	..	1	..	1	1	1	1
8. Whooping cough	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	..	2	..	..	..	..	2	..	..	..	..	..	..	..	..	..
9. Diphtheria and croup	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
10. Influenza	8	2	2	..	..	..	..	..	..	1	2	..	1	..	..	..	..	4	4	..	7	1	..	5	3	..	..	5	2	..	..	..	..	..	..	..	..	1
18. Erysipelas	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Total deaths from tuberculosis	3	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	..	1	2	..	3	..	..	..	3	..	..	..	..	1	..	..	1	..	..	1	..	..
28. Tuberculosis of the lungs	3	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	..	1	2	..	3	..	..	..	3	..	..	..	..	1	..	..	1	..	..	1	..	..
47. Acute articular rheumatism	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..
51. Exophthalmic goitre	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
54. Anaemia, chlorosis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	10	3	..	..	..	..	..	..	..	1	..	..	3	1	2	..	..	1	6	..	7	3	..	3	7	..	..	1	2	..	3	..	..	2	..	2	..	..
61. Meningitis	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
62. Locomotor ataxia	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
64. Cerebral haemorrhage	4	..	..	..	..	..	..	..	..	..	..	..	2	1	1	..	..	1	3	..	3	1	..	..	4	..	..	..	..	1	..	1	..	..	1	..	1	..
66. Paralysis without specified cause	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..
71. Convulsions of infants	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	3	..	..	3	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..
III.—Diseases of the Circulatory System																																						
Group Total	18	..	..	..	..	..	1	..	1	..	3	2	2	4	2	3	..	10	8	..	17	1	..	5	13	..	2	1	1	..	1	..	1	4	2	2	2	2
78. Acute endocarditis	2	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	1	1	..	2	..	..	2	..	..	..	1	..	..	..	..	..	..	1	..	..	..
79. Organic diseases of the heart	9	..	..	..	..	..	..	..	..	1	2	..	1	3	1	1	..	4	5	..	9	..	..	2	7	..	1	..	..	..	1	..	1	3	..	1	1	1
80. Angina pectoris	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..

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TRENTON—Concluded.

Number of Columns.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
XIII.—Affections Produced by External Causes.																																						
Group Total	2						1			1								1	1		1	1		1	1		1							1				
175. Traumatism by other crushing	2						1			1								1	1		1	1		1	1		1							1				
(a) Railroad	2						1			1								1	1		1	1		1	1		1							1				
(b) Street car																																						
(c) Automobile																																						
(d) Other crushing																																						
XIV.—Ill-Defined Diseases.																																						
Group Total	1													1					1		1				1										1			
189. Cases of death not specified or ill-defined	1													1					1		1				1										1			
Still-Births																																						
Not included in totals	3	3																1	2		3			3					1		1		1				

CAUSES OF DEATH IN THE TOWN OF WALKERVILLE, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	68	10	4		3		4	3		6		4	4	7	13	6	2	2	37	31		48	18	2	30	35	3	10	12	3	5	4	4	6	1	8	2	7	6
I.—General Diseases.																																						
Group Total	35	2	3		2		1	3		5	2	1	5	4	5	1	1	19	6		24	11		17	17	1	3	12	2	3	2	1	4		3	1	3	1
1. Typhoid fever	1												1					1				1			1												1	
6. Measles	2	2																2			2			2						1	1							
7. Scarlet fever	1				1													1			1			1										1				
8. Whooping cough	1		1																1			1		1									1					
9. Diphtheria and croup	1				1													1			1			1						1								
10. Influenza	16		2				1	1		4	1	1	3	2		1		7	9		12	4		9	6	1	1	11	1	1					1		1	
18. Erysipelas	1														1				1		1				1													
20. Purulent infection and septicaemia	1																1	1			1				1													1
Total deaths from tuberculosis	2							1			1							1	1		1	1		1	1		1											
28. Tuberculosis of the lungs	2							1			1							1	1		1	1		1	1		1					1						
40. Cancer and other malignant tumors of the stomach, liver	2														2			2			1	1			2		1									1		
41. Cancer and other malignant tumors of the peritoneum, intestines, rectum	1														1				1		1				1								1					
45. Cancer and other malignant tumors of other organs or of organs not specified	1														1			1				1			1										1			
47. Acute articular rheumatism	1									1								1			1			1						1								
48. Chronic rheumatism and gout	1							1			1							1				1		1								1						
50. Diabetes	1												1					1				1			1				1									
54. Anaemia, chlorosis	2													2				1	1		2				2							1				1		
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																						
Group Total	2	1													1				2		1	1		1	1										1			1
64. Cerebral haemorrhage, apoplexy	2	1													1				2		1	1		1	1										1			1

WALKERVILLE—Concluded.

Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
III.—Diseases of the Circulatory System																																						
Group Total	7										1			5		1		3	4		4	2	1		7		2								2	1	2	
79. Organic diseases of the heart	4										1			3				2	2		2	1	1		4		2								1		1	
81. Diseases of the arteries, atheroma aneurism, etc.	3													2		1		1	2		2	1			3										1	1	1	
IV.—Diseases of the Respiratory System																																						
Group Total	10	2	1							1	1	2	1	2				7	3		8	2		3	7		4		1	1	2							2
91. Broncho-pneumonia	2	2																2			2			2			1				1							
92. Pneumonia	7		1							1	1	2	1	1				4	3		5	2		1	6		3		1	1	1							1
93. Pleurisy	1													1				1			1				1													1
V.—Diseases of the Digestive System.																																						
Group Total	3	1					2											1	2		3			3									1			1	1
105. Diarrhoea and enteritis (2 years and over)	2						2											1	1		2			2									1			1	
109. Hernia, intestinal obstructions	1	1																	1		1			1													1
VI.—Non-Venereal Diseases of the Genito-Urinary System and Annexa.																																						
Group Total	1												1						1			1			1						1							
120. Bright's disease	1												1						1			1			1						1							
VIII.—Diseases of the Skin and of the Cellular Tissue.																																						
Group Total	1													1					1			1			1						1							
142. Gangrene	1													1					1			1			1						1							
X.—Congenital Malformations.																																						
XI.—Diseases of Early Infancy.																																						
Group Total	4	4																3	1		4			4							1		1	1			1	
151. Congenital debility, icterus, and sclerema	4	4																3	1		4			4							1		1	1			1	
154. XII.—Old Age.																																						
Group Total	1														1			1			1				1													1

| | | |

CAUSES OF DEATH IN THE TOWN OF WATERLOO, 1920.

OFFICIAL ENGLISH TRANSLATION. DISEASES AND CAUSES OF DEATH.	Total.	Ages.																Sex.			Nativity.			Social Con.			Months.											
		Under 1.	0-1	1.	2.	3.	4.	5-9.	10-14.	15-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80 and over.	Not stated.	Male.	Female.	Not stated.	Canada.	Foreign.	Not stated.	Single.	Married.	Not stated.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of Column.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Grand Total	71	14	1	1		2	4	2		5	5	4	11	9	9	4		35	36		58	13		29	42		4	17	4	6	4	6	7	4	4	7	4	4
I.—General Diseases.																																						
Group Total	24	2	1			1	2	2		4	2	1	3	2	3	1		10	14		20	4		10	14		1	8	2	4	1	3	1	1	1		1	1
8. Whooping cough	1						1												1		1			1								1						
9. Diphtheria and croup	4	1	1				1	1										2	2		4			4				1		1		1		1			
10. Influenza	9									4	2		1		1	1		3	6		7	2		2	7			6	1		1						1
18. Erysipelas	1	1																1			1			1			1										
40. Cancer and other malignant tumors of the stomach, liver	1													1					1						1						1						
41. Cancer and other malignant tumors of the peritonaeum, intestines, rectum	2											1			1			1	1		1	1			2				1			1					
47. Acute articular rheumatism	2					1		1										1	1		2			2				1	1								
50. Diabetes	2													1		1		1	1		2				2					1		1					
54. Anaemia, chlorosis	2													1	1			1	1		1	1			2					1					1		
II.—Diseases of the Nervous System and of the Organs of Special Sense.																																					
Group Total	11	1									1	1	1	5	1	1		5	6		8	3		3	8			1		2	1	2	1	1	3		
64. Cerebral haemorrhage, apoplexy	8											1	1	4	1	1		4	4		6	2		1	7					2	1	1	1	1	2		
66. Paralysis without specified cause	1													1					1		1				1							1					
69. Epilepsy	1										1							1				1		1										1			
71. Convulsions of infants	1	1																	1		1			1				1									
III.—Diseases of the Circulatory System																																					
Group Total	7						1				1		1	1	1	2		3	4		4	3		1	6				1			1	1	2	1		1
79. Organic diseases of the heart	4						1				1			1		1			4		2	2		1	3				1			1		2			
81. Diseases of the arteries, atheroma, aneurism, etc.	3												1		1	1		3			2	1			3										1		1

| | | |

INFANT MORTALITY.

During the year there were registered the deaths of 7,802 children who died in the first year of life. This number is greater by 1,803 than the number for 1919. It is a numerical increase of 13%. The rate per 1,000 births is 107.5 and is the highest since 1913, when it was 117.6. The rate in 1916 was approximately the same as for 1920.

The following table shows an analysis of the deaths from Infant Mortality by municipalities:

	Number		Rate per 1,000 living births
Cities	3,642	46 %	113.2
Towns	722	9.3%	121.1
Rural	3,448	44.2%	99.2

Deaths from whooping cough increased from 110 to 242; measles from 16 to 81; diarrhœa and enteritis from 848 to 1,382; the diseases of early infancy, i.e., congenital weaknesses, from 2,828 to 3,423; while the number of children who exhibited malformations which brought about their death within the first year of life was increased from 280 to 515. These account in a large measure for the increase during the year 1921. With diarrhœa excluded as a cause of death, the rate would have been 88.5.

The following table shows the Infant Mortality rate for a decade:

	Rate per 1,000 living births
1912	110.03
1913	117.6
1914	103.2
1915	102.0
1916	107.2
1917	92.1
1918	94.0
1919	95.5
1920	107.5
Mean rate	93.9

THE COMMUNICABLE DISEASES.

The common communicable (contagious) diseases, such as diphtheria, measles, whooping cough, scarlet fever, tonsilitis, mumps, etc., are regarded all too lightly by most people. The same is true of the "growing pains" of children. They are all infectious processes, and are at the bottom of many of the gravest diseases of after life. For example, organic heart disease, one of the four great groups of disease causing our highest death rate, frequently may be traced to an attack of tonsilitis or "growing pains," the latter of which is the so-called rheumatism of childhood; attacks of scarlet fever, so mild as to show little or no rash and the slightest signs of illness in children, are frequently neglected, suffered to mingle at school or elsewhere with well children, and thus spread a virulent type of infection. These mild, and consequently neglected cases of scarlet fever are often the forerunners of grave kidney disease or of convulsions in pregnant women. Many parents think it advisable to allow their children to contract measles, whooping-cough, etc., with impunity, ignorant of the danger of resulting lung disease.

Practically all the affections just named are more dangerous and more difficult of prevention than smallpox. Their immediate death rate (in this country) and the after-effects are infinitely greater than those of smallpox. Every reasonable means should be taken to protect children against every variety of infection.

Deaths From Communicable Diseases.

The following table is published showing the number of deaths from the communicable diseases listed, together with their rates per 100,000 of population:

	1911		1912		1913		1914		1915	
Typhoid Fever	637	25.2	483	19.4	446	16.6	358	13.8	298	10.7
Smallpox	3	.11	2	.07	2	.07	1	.03	2	.09
Measles	169	6.6	111	4.2	166	6.1	61	2.2	145	5.2
Scarlet Fever	290	11.4	152	5.8	137	5.1	111	4.0	42	1.5
Whooping Cough	169	6.6	419	16.2	272	10.1	196	7.1	193	6.9
Diphtheria and Croup	423	16.7	371	14.3	339	12.6	443	16.1	341	12.3
Influenza	407	16.1	222	8.5	249	9.2	128	4.6	267	9.6

	1916		1917		1918		1919		1920	
Typhoid Fever	335	12.6	252	9.0	208	7.4	145	5.1	203	7.0
Smallpox	5	.18	1	.04	2	.07	5	.17	33	1.1
Measles	411	14.8	58	2.09	95	3.3	31	1.3	303	10.4
Scarlet Fever	49	1.7	59	2.1	84	3.0	96	3.3	170	5.8
Whooping Cough	341	12.2	228	8.5	303	10.8	164	5.7	376	12.9
Diphtheria and Croup	461	16.6	396	14.2	335	11.9	475	16.7	745	25.7
Influenza	495	17.4	221	7.9	7337	262.1	2522	88.8	3276	113.1

Without exception, there is an increase in the rates for 1920 as compared with the rates for 1919. The increase in the rates from smallpox would be alarming but for the fact that this scourge is practically under absolute control of the health authorities. Measles shows the greatest increase of all, being an increase of 940% over the rate for 1919, and the highest rate in the decade. Diphtheria (including croup) also shows the highest rate in 1920 for the decade; in fact, this is the highest rate since 1904 when the rate was 27.6. The rate for scarlet fever is highest since 1912, which it equals. Although the typhoid rate is higher this year, it is, on the whole, a negligible quantity. The general improvement of water and milk supplies and the education of the public in respect to fly contamination account for the great improvement in the typhoid incidence and mortality of the last ten years.

Thirty-Ninth Annual Report

OF THE

Provincial Board of Health

OF

Ontario, Canada

FOR THE YEAR

1920

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO

TORONTO:
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1921

Printed by
THE RYERSON PRESS.

To His Honour, Lionel H. Clarke, Esq., etc., etc., etc.

Lieutenant-Governor of the Province of Ontario

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Thirty-Ninth Annual Report of the Provincial Board of Health, for the year 1920.

Respectfully submitted,

W. R. ROLLO,
Minister of Labour and Health.

Toronto, February 9th, 1921

To the Honorable Walter R. Rollo, Minister of Labour and Health.

Sir,—

I have the honour to submit for your approval the Thirty-Ninth Report of the Provincial Board of Health, made in conformity with and under the provisions of the Public Health Act, for the year 1920.

I have the honour to be, Sir,

Your obedient servant,

JOHN W. S. McCULLOUGH,
Chief Officer of Health.

Toronto, February 9th, 1921.

ORGANIZATION

MINISTER OF LABOR AND HEALTH
THE HONORABLE WALTER R. ROLLO

The Provincial Board of Health

Adam H. Wright, B.A., M.D., M.R.C.S., Eng., Chairman.....Toronto
Henry R. Casgrain, M.D., C.M.....Windsor
Thos. E. Kaiser, M.D., C.M.....Oshawa
W. H. Howey, M.D., C.M.,.....Sudbury
A S. McElroy, M.D., C.M.....Ottawa
James Roberts, M.D., C.M., M.O.H.....Hamilton
John W. S. McCullough, M.D., C.M., D.P.H.....Toronto

Executive

John W. S. McCullough, M.D., C.M., D.P.H.....Chief Officer of Health
Robert W. Bell, M.D., C.M.....Provincial Inspector of Health

District Officers of Health

District: No. 1. Thos. J. McNally, M.D., C.M., D.P.H.....London
No. 2. R. E. Wodehouse, M.D., O.B.E .....Toronto
No. 3. Daniel A. McClenahan, M.D., C.M., D.P.H.....Hamilton
No. 4. George Clinton, M.D., C.M.....Belleville
No. 5. Paul J. Moloney, M.D., C.M.....Ottawa
No. 6. W. Egerton George, M.D.....North Bay
No. 7. G. L. Sparks, M.D.....Fort William

Sanitary Inspectors

Alex. White James Taylor John Richardson D. S. McKee Wm. C. Millar

Division of Sanitary Engineering

F. A Dallyn, C. E.....Provincial Sanitary Engineer
A. V. De Laporte, B.A.Sc.....Chemist in Charge of Experimental Station
A. E. Berry, M.A.Sc.....Assistant Engineer

Division of Laboratories

H. M. Lancaster, B.A.Sc. ..... Director
Charles M. Anderson, M.D., C.M., C.P.H. ..... Bacteriologist
A. H. Bonham, B.A.Sc. ..... Chemist

Branches

Hibbert W. Hill, M.D., D.P.H., Director ..... London
James Miller, M.D., F.R.C.S. (Edin.), Director ..... Kingston
N. O. Thomas, B.A., M.B., Director ..... Fort William
N. F. W. Graham, M.B., Director ..... Sault Ste. Marie
J. S. Douglas, M.B., Director ..... North Bay

Division of Venereal Diseases

R. R. McClenahan, B.A., M.B., D.P.H. ..... Director
B. L. Guyatt, M.B. ..... Clinical Specialist
J. W. Hunt, M.B., L.R.C.P., M.R.C.S. ..... Clinical Specialist
Edna L. Moore, A.R.R.C. ..... Director

Division of Industrial Hygiene

J. G. Cunningham, B.A., M.B., D.P.H. ..... Director
R. M. Hutton, B.A. (Oxon.) ..... Literary Research
N. C. Sharpe, B.A., M.B. ..... Clinical Specialist

Division of Public Health Education

J. J. Middleton, M.B., D.P.H. ..... Director

Division of Maternal and Child Welfare and Public Health Nursing

Mary Power, B.A. ..... Director
Beryl Knox ..... Associate Director
Marjorie Burgess, B.A. ..... Statistician
Wm. J. Bell, M.B. ..... Pediatrician

Division of Epidemiology

Consulting Staff

Public Health Administration ..... J. G. Fitzgerald, M.B., F.R.S.C.
Pediatrics ..... Alan Brown, B.A., M.B.
Obstetrics ..... B. P. Watson, M.D., F.R.C.S. (Edin.)

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ANNUAL REPORT

OF THE

Provincial Board of Health for the Province of Ontario

For the Year Ending the 31st of December, 1920

RESUME OF THE TRANSACTIONS OF THE BOARD BY THE CHIEF OFFICER OF HEALTH.

This is the 39th Annual Report of the Provincial Board of Health for the year ending the 31st December, 1920.

During the year there were four regular meetings of the Board, at which all the members were present.

Legislation.

During the 1920 Session of the Legislature the following amendments to the Public Health Act were passed, viz:

Clause (k) of section 2 of The Public Health Act is repealed, and the following substituted therefor:—

(k) "Owner" shall mean the person for the time being receiving the rent of the land or premises in connection with which the word is used whether on his own account or as agent or trustee of any other person or who would so receive the same if such lands and premises were let.

The Provincial Board of Health, constituted under the provisions of section 3 of The Public Health Act, shall be a body corporate by the name of "The Provincial Board of Health for Ontario."

Subsection 2 of section 25 of The Public Health Act is amended by striking out the words "in any city" in the first line and substituting therefor the words "in a city or in any town, village or police village in which a sewerage system has been established."

Subsection 1 of section 93 of The Public Health Act is amended by adding at the end thereof the words "nor shall anyone bathe or swim in the waters of any such sources of water supply within such area as may be fixed or defined by order of the Provincial Board."

Where any regulation has been made by the Provincial Board of Health with the approval of the Lieutenant-Governor in Council, under the provisions of sec. 118 of The Public Health Act, relating to territory without municipal organization, the regulation may provide for the imposing of penalties for the violation of any regulation made under that section and every such penalty shall be recoverable under The Ontario Summary Convictions Act before a police magistrate or two justices of the peace.

The Venereal Diseases Prevention Act was amended as follows:—

Section 4 of The Venereal Diseases Prevention Act is amended by adding the following subsection:

"Where the person infected with venereal disease is a child under the age of sixteen years, all notices, directions or orders required or authorized by this Act, or by the Regulations to be given in respect of such person shall be given to the father or mother or in case of the death, absence, illness or inability of the father and mother then to the person having, for the time being custody of the child, and it shall be the duty of such father or mother or other person to see that such child complies in every respect with every such notice and with any order or direction made in respect of such child by the Medical Officer of Health, and in default the father or mother or other person as the case may be shall be liable to the penalties provided by this Act or by the Regulations for non-compliance with such notice, direction or order unless on any prosecution in that behalf such person proves that he did everything in his power to cause such child to comply with the same."

Regulations.

The following Regulations for the Cleansing, Renovation and Disinfection of premises were passed by Order in Council under the authority of the Public Health Act on March 19th, 1920, and published in the Ontario Gazette on the 26th of the same month.

REGULATIONS FOR THE CLEANSING, RENOVATION AND DISINFECTION OF PREMISES DURING AND AFTER COMMUNICABLE DISEASES

The Public Health Act in reference to cleansing, renovation and disinfection, reads as follows:—

SECTION 29.—(1) Where a Medical Officer of Health is of opinion that the disinfecting of any house or part thereof, or of any articles therein likely to retain infection, would tend to prevent or check any communicable disease, he shall through the Sanitary Inspector or otherwise, at the cost and charge of the municipality, disinfect such house or part thereof and the articles therein contained.

(2) The disinfecting, renovating and cleansing of houses and premises shall be carried on in accordance with the Regulations.

SECTION 62.—(1) Where there is any reason to suspect that any person suffering from a communicable disease, to which this section is by the Regulations made applicable, is in or upon any railway car, street railway car, steamboat, vessel, stage, or other conveyance, the Medical Officer of Health or Sanitary Inspector of the municipality, or any member of the Local Board, may enter such conveyance and cause such person to be removed therefrom, and may detain the conveyance until it is properly disinfected; or such officer or member may, if he thinks fit, remain on, or in, or re-enter and remain on or in such conveyance, with any assistance he may require, for the purpose of disinfecting it; and his authority shall continue in respect of such person and conveyance notwithstanding that the conveyance is taken into another municipality.

(2) The expense incurred for medical attendance, care, nursing, maintenance and all costs for disinfection shall be paid by the owner of the conveyance in which such person is found.

(3) Any legally qualified medical practitioner or Sanitary Inspector authorized by the Provincial Board shall have the same authority as a Medical Officer of Health under this section.

SECTION 63.—Where any communicable disease is reported or discovered in a dwelling house or out-house occupied as a dwelling, and such house or out-house is in a filthy and neglected state, the Medical Officer of Health may, at the expense of the Corporation of the Municipality, compel the inhabitants of such dwelling house or out-house to remove therefrom, and may place them in sheds or tents, or other proper shelter, in some more suitable situation, until measures can be taken under the direction and at the expense of the Municipal Corporation, for the immediate cleansing, ventilation, purification and disinfection of such dwelling house or out-house.

SECTION 64.—No person recovering from any communicable disease, to which this section is by the Regulations made applicable, and no nurse who has been in attendance on any such person, shall leave the premises or expose himself in any public place, street, shop, in or public conveyance until he has received from the Medical Officer of Health a certificate that in his opinion such person or nurse has taken such precautions as to his person, clothing and all other things which he proposes to bring from the premises as are necessary to insure the immunity from infection of other persons with whom such person or nurse may come in contact.

SECTION 65.—Every such person and nurse shall adopt for the disinfection and disposal of excreta, and for the disinfection of utensils, bedding, clothing and other things which have been exposed to infection, such measures as may be prescribed by the Regulations or by the Medical Officer of Health.

SECTION 68.—No person shall give, lend, transmit, sell or expose any bedding, clothing, or other article likely to convey any communicable disease, without having first taken such precautions as the Medical Officer of Health may direct for removing all danger of communicating such disease to others.

SECTION 69.—No person shall let or hire, or permit to be occupied, any house or room in a house in which any communicable disease has recently existed without having caused the house and premises used in connection therewith to be disinfected to the satisfaction of the Medical Officer of Health, and, for the purposes of this section, the keeper of an inn or house for the reception of lodgers shall be deemed to let for hire part of a house to any person admitted as a guest into such inn or house.

SECTION 70.—No person letting for hire, or showing for the purpose of letting for hire any house or part of a house, on being questioned by any person, negotiating for the hire of such house, or part of a house, as to the fact of there previously having been therein any person, animal or thing suffering from or liable to be infected by any communicable disease, shall knowingly make a false answer to such question.

SECTION 71.—(1) No common carrier shall knowingly accept for transportation or carry within Ontario, except under and subject to the Regulations, any person suffering from any communicable disease, to which this section is by the Regulations made applicable, or any infected article or articles of clothing, bedding or other property whatsoever.

(2) No carrier shall knowingly accept for transportation or carry within Ontario the body of any person who has died of any communicable disease, except under and subject to the Regulations.

(3) Every person contravening the provisions of subsection 1 or of subsection 2 shall incur a penalty of $100.

Regulation 1

Cleansing.—Adequate *cleansing* of rooms, furniture and other contents of rooms occupied by the sick person, when deemed necessary by the medical officer of health or as directed by the Act or Regulations shall be carried out immediately following the recovery, death or removal of a person affected with a communicable disease. Such cleansing shall be performed by and at the *expense of the occupant* of the premises upon the order and under the direction of the medical officer of health or of some person appointed by him.

Regulation 2

Renovation.—Adequate *renovation* of premises when deemed necessary by the medical officer of health or as directed by the Act or Regulations shall be immediately carried out following the recovery, death or removal of a person affected with a communicable disease. Such renovation shall be performed by and at the *expense of the owner* of the said premises upon the order and under the direction of the medical officer of health or of some person appointed by him.

Regulation 3

Disinfection Including Fumigation.—Adequate disinfection of premises when deemed necessary by the medical officer of health or as directed by the Act or Regulations shall be carried out immediately following the recovery, death or removal of a person affected with a communicable disease. Such disinfection shall be performed by or under the direction of the medical officer of health in accordance with the Regulations and at the *expense of the municipality.*

Regulation 4

Methods and precautions in cleansing, renovation and disinfection.

(*a*) *Cleansing.*—Cleansing shall be secured by the thorough removal of dust and other contaminating material in such a way as to prevent the entry thereof to other rooms or dwellings; washing of the floors and woodwork with soap and hot water; scouring, airing, exposure to sunlight as may be deemed necessary by the medical officer of health or as laid down in the Regulations.

(*b*) Renovation of rooms shall be secured by removing old paper from walls and ceilings, re-painting, re-kalsomining or re-papering of walls, ceilings and woodwork as may be deemed necessary by the medical officer of health.

(*c*) Disinfection of rooms shall be secured by the use of such disinfecting agents in such quantities and in such manner and of such fumigation or sterilizing procedures as may be ordered by the medical officer of health or as laid down in the Regulations.

Regulation 5

Destruction of furniture, clothing and other articles.—Furniture, bedding, clothing, carpets, rugs and other articles which may have been contaminated with infective material from any case of communicable disease and which are of such a nature, or in such condition that in the opinion of the medical officer of health they cannot be properly cleaned, disinfected or sterilized, shall, upon his order, be destroyed in the manner designated by him.

Regulation 6

Every person upon convalescence or recovery from any communicable disease and every nurse and every person in attendance on such case throughout the course of the disease as well as at its close shall suitably cleanse and when necessary disinfect their persons in such manner as may be ordered by the medical officer of health or as laid down in the Regulations.

Regulation 7

When an order requiring the cleansing, renovation or disinfection of articles or premises is not forthwith carried out the medical officer of health shall cause the premises to be placarded with a notice in the following form, viz.:

NOTICE.

These premises have been occupied by a person affected with ..... They must not again be occupied until the orders for cleansing, renovation or disinfection have been complied with. This notice must not be removed under a penalty of $100.

Place and date.

.....M.D.
M.O.H.

Fumigation and Terminal Disinfection.—These, while additional precautions against the spread of disease, are necessary only in cases where cleanliness and disinfection have been neglected during the progress of a case of communicable disease.

Fumigation should not be carried out unless the medical officer of health deems it advisable. In such case it must be thoroughly done under the supervision of the medical officer of health or by some person whom he knows to be capable of properly carrying it out. Because it is essentially for the benefit of the community its expense is borne by the municipality except as provided under Section 62 of the Public Health Act.

Definitions

Disinfection.—Means the destruction of the germs or micro-organisms causing disease.

Sterilization.—Means more than disinfection. It is a much more effective process inasmuch as it not only destroys all the germs of disease killed by disinfection but it also destroys such spore-bearing micro-organisms as those of anthrax, tetanus, malignant oedema and the gas bacillus group of germs.

Antiseptics.—Antiseptics are substances which prevent decomposition and decay. They do not necessarily destroy the germs which produce putrefaction and fermentation but they delay their action. For example, a weak solution of bichloride of mercury (1 in 300,000) will sometimes prevent the fermentation of anthrax spores while on the other hand it requires a 1 in 1,000 solution to destroy them. Saturated solution of salt or sugar will, as is well known, preserve meats, fruits and vegetables but have little power to destroy micro-organisms.

Asepsis.—Asepsis means freedom from or absence of living disease germs. It is practically a condition of sterilization. Surgical asepsis is obtained through physical cleanliness.

Disinfectants or Germicides.—These are agents which destroy germs.

Deodorants.—Are substances which destroy unpleasant odors. Charcoal, for example, will absorb odors and formalin will both disinfect and deodorize. Bichloride of mercury will destroy germs but has no effect on odors. Many deodorants simply substitute one form of smell for another.

Fumigation.—Fumigation consists in liberating fumes or gases with the object of destroying germs, vermin, insects, rats or mice and other small animals acting as carriers of infection. The chief articles used in fumigation are formaldehyde and sulphur dioxide. Formaldehyde is a good germicide but has little effect on killing insects. Fumigation cannot take the place of disinfection as gases act only on the surface of objects and do not penetrate fabrics, books or masses of sputum. Disinfection and fumigation both have their proper place in public health work.

Nature's Disinfecting Agencies.—These are Dilution, Sunlight, Dryness, Time and Symbiosis or the destructive effects of germs upon one another. The combination of dryness and sunlight is quite as good as much of the fumigation ordinarily carried out.

Dryness, Sunlight and *Cleanliness* are the keynotes of *Sanitation.*

Most disease producing germs do not grow and multiply outside the body. Fortunately for the human race, most germs soon die when wafted into the air, deposited on surfaces, conveyed in water or placed in the soil. It generally requires a number of germs to produce infection. For example, it takes ten tubercle bacilli to produce tuberculosis in a guinea-pig. Dilution or thinning out of the number of germs, cleanliness, dryness and sunlight protect us greatly against communicable diseases. Close personal association with persons ill of these diseases is likely to cause infection.

Cleanliness.—Cleanliness is the basis of all sanitary measures. Dry dusting and sweeping stir up dust and infection which settle down again on the same or other surfaces. Cleansing with soap and water serves to remove disease germs and besides destroys the

organic matter in which bacteria may find favorable conditions to live. In handling communicable diseases and indeed in our ordinary affairs of life *two important points* should be remembered. They are:

(1) *To wash the hands with soap and water after using the toilet or handling patients.*

(2) *To keep the fingers away from the mouth and nose.*

Surfaces used by the public such as woodwork, seats, floors, desks, door knobs and the like in schools, factories, shops, public conveyances and places of assembly, should, when possible, be frequently scrubbed with hot soap suds and strong solutions of washing-soda. The same procedure applies to the seats of water-closets, privies, wash-basins and other objects used in common. In protecting the public health, cleanliness is truly next to godliness.

Symbiosis.—In the processes of putrefaction and fermentation which are carried on by germs, there is a fierce struggle for existence. The saprophytic germs causing putrefaction are hardier than those causing disease and for the most part kill them. The fact that infected carcasses, sewage and putrid organic matter generally purify themselves by the very processes that destroy them, is a fortunate provision of nature.

Where and When to Disinfect.—It is more important to prevent infection than to destroy it after it has been disseminated. The place to apply disinfection is at the seat of origin. Man is the fountain-head of most infections, hence the most effective place to apply disinfectants is at the bedsides. The *excretions,* especially those from the *mouth, nose* and *bowels* as well as discharges from eruptions and wounds are the ones which need scrupulous attention. If the discharges in cases of cholera, dysentery, typhoid fever or plague are disinfected at the bedside, there is little need of disinfecting the sick room. If the discharges receive little or no attention, disinfection of the room and clothing is essential.

Much of the disinfection and fumigation done is ineffective because improperly carried out.

The Ideal Disinfectant.—The ideal disinfectant must possess high germicidal power. It must not be rendered ineffective in the presence of organic matter; it must not readily deteriorate; it must be soluble and readily mixed with water; it must be harmless to man and the higher animals; it should have the power of penetration, it should not corrode metals, bleach, rot or stain fabrics and it *must* be *reasonable* in *price.*

Terminal Disinfection.—This means disinfection when the patient ill of a communicable disease is recovered, removed or dead.

The principal objects that need disinfection are the discharges from the body, towels, bedding, toys, handkerchiefs and fabrics, food, dishes and table-ware that have been mouthed, the hands of physician, nurse, mother and others who come in contact with the infection.

Fomites such as letters, books, woollen garments, umbrellas, curtains and furniture are not likely to carry disease but it is a wise precaution to carry out *Disinfection,* not necessarily Fumigation, after *every* case of communicable disease.

The greater the care exercised during the progress of the disease, the less the need of terminal disinfection.

Physical Agents of Disinfection.

Sunlight.—Sunlight is an active germ killer. Its direct rays kill spores as well as bacteria. Rooms and objects may be sunned and aired with advantage after disinfection. The value of sunlight in destroying germs of disease varies with its brightness and under conditions of moisture, temperature and transparency of the media. Plague bacilli and cholera vibrio are more easily destroyed than the tubercle bacilli. The spores of anthrax require about 30 hours' exposure to the sun while the anthrax bacilli are killed in one or two hours.

Burning.—Garbage and refuse of no value, sputum, infected dressings and discharges of wounds should be burned. Except under very bad conditions it is rarely necessary to destroy books, clothing or other articles which may be readily disinfected by other effective means.

Dry Heat.—A temperature of 150 deg. C. (302 deg. F.) continued for one hour will kill all forms of life, even the most resistant spores. Glassware in laboratories is sterilized in this manner. A hot-air sterilizer is used for this purpose. This form of disinfection is not so useful as moist heat as it lacks the power of penetration and will destroy fabrics. Most materials will bear a temperature of 110 deg. C. (230 deg. F.) but will scorch if a higher temperature is used. In the absence of a proper sterilizer the ordinary household oven will give satisfactory results. The oven should be heated sufficiently to brown cotton and the objects to be disinfected should be exposed to its heat for one hour.

Boiling.—Boiling is a valuable disinfectant. The water should be brought to a temperature of 100 deg. C. (212 deg. F.) and continued for one hour. The germs of most diseases will die at a much lower heat than the boiling temperature of water. For example, a temperature of 60 deg. C. (140 deg. F.) will destroy the micro-organisms of cholera, typhoid, dysentery, plague, tuberculosis, pneumonia, erysipelas and practically all non-spore-bearing bacteria. But even boiling temperature will not suffice to kill the spores of anthrax and tetanus.

Boiling is applicable to the disinfection of bedding, body linen, towels and fabrics of many kinds, also kitchen articles and tableware, bed-pans, *cuspidors, urinals* and a great variety of objects.

Surfaces such as floors, walls, beds, metal work, etc., may be effectively disinfected by washing with boiling water. The addition of bichloride of mercury, carbolic acid or cresol or of lye, borax, or a strong alkaline soap increases its effectiveness. In using boiling water for the disinfection of cutting instruments, the addition of one per cent. of carbonate of soda will prevent rusting and injury to the cutting edge.

Steam.—Steam is one of the best disinfecting agents we possess. It not only disinfects, it also sterilizes. Bacteria are killed instantly and most spores in a few minutes. Streaming steam for half an hour is sufficient. Steam under pressure of 15 lbs. to the square inch has a temperature of about 120 deg. C. (248 deg. F.) and will sterilize in 20 minutes.

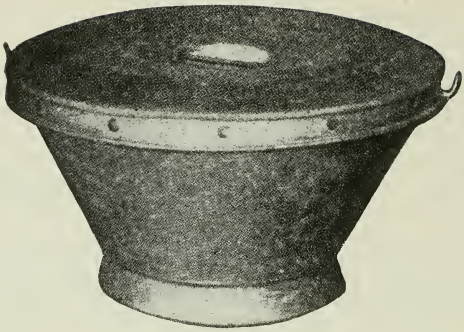


Fig. 1.
Formaldehyde-permanganate Disinfector. Closed.

Fig. 2.
Formaldehyde-permanganate Disinfector. Open.

Steam may be used for the disinfection of bedding, clothing, fabrics of all kinds but it will shrink woollens and injure silks, leather, fur, skins, rubber goods, oilcloth, etc. An autoclave is the best apparatus for the purpose but the use of a cheap boiler and an air-tight chamber will give good results.

Chemical Agents of Disinfection.

Gaseous Disinfectants, Fumigation.—The best gas for fumigation is *Formaldehyde.* It is not poisonous, does not injure fabrics, colors, metals, pictures or other objects of value.

Sulphur Dioxide.—Destroys fabrics, colors and metals. It is very poisonous to all forms of animal life which makes it valuable against insects and animal-borne diseases. It has no equal for the fumigation of holds of ships, cellars, sewers, stables and other rough structures infested with vermin. Chlorine gas and hydrocyanic acid gas are too poisonous to be used with safety.

In fumigation, haphazard work will not give results. It is of little value to burn a few formalin candles in a room. Such types *of fumigation* will give only a *false security.* At best, fumigation with any gas will disinfect the surface of objects only. Gases lack the power of penetration.

Preparation of the Room.—(1) All cracks and crevices must be closed by plugging them or pasting paper over them.

(2) Registers, flues, fireplaces and ventilators must be stopped up.

(3) Beds, bureaus, and cupboards and other furniture should be moved away from the walls. Closets, boxes and drawers should be opened so that the gas may gain ready access to all surfaces. Gases do not penetrate clothing, etc.

(4) An excess of gas should be used, for no matter how careful we are a good deal escapes.

(5) The room should be heated to 60 deg. F. and plenty of moisture secured by boiling water in a large open receptacle in the room.

Disinfection with Formaldehyde Gas.—This is best accomplished by the use of Potassium Permanganate and Formalin, the latter being the watery solution which we purchase at the drug store and which contains about 40 per cent. of formaldehyde gas. For each 1,000 feet of space, we use 16 oz. of formalin to 7 oz. of potassium permanganate. The permanganate is first placed in a galvanized iron vessel (see fig. 1) large enough to prevent its splashing over on the floor, which it might set on fire. Everything being ready,

the formaldehyde is added to the permanganate. Very active oxidation takes place with the formation of formic acid and heat. It is the heat that liberates the formaldehyde gas.

The operator should leave the room at once, the margins of the door and the keyhole being plugged with cotton.

The room is left sealed up for at least 6 hours. It may then have the doors and windows opened up so as to be thoroughly aired.

Sulphur Dioxide (SO_2).—Sulphur dioxide is not a very efficient germicide but is exceedingly poisonous to diseases spread by rats, mice, flies, fleas, and mosquitoes. Its action is upon the surface only. *It is of no value without plenty of moisture.* It does not kill spores.

The Pot Method.—An iron pot should be placed in a tub containing water. In the pot for every 1,000 c. feet of space are placed 5 lbs. of flowers of sulphur or sulphur sticks ground up. Alcohol is liberally poured over the sulphur and the room being prepared as in the formaldehyde method, the alcohol is lighted and the room sealed up. The room should be kept closed for about 24 hours.

Liquid Disinfectants.—1. Strong carbolic acid solution (5 per cent.). Add one pint or a pound of either the crude or purified liquid carbolic acid to two and one-half gallons of hot water and stir frequently until no red or colorless droplets remain in the bottom of the mixture.

2. Carbolic acid solution (2.5 per cent.). To one part of carbolic acid solution No. 1, add an equal amount of water.

3. Strong bichloride of mercury (corrosive sublimate) solution (1-500). Dissolve one ounce of bichloride of mercury in four gallons of hot water. A little blueing should be added to color the solution and indicate its poisonous character. Bichloride of mercury solutions must be made in glass, enameled or earthenware vessels as they corrode metals.

4. Bichloride of mercury (corrosive sublimate) solution (1-1,000). Dilute one part of bichloride of mercury solution No. 1 (paragraph 3 above) with an equal quantity of water.

5. Alcohol solution. Four parts of 95 per cent. alcohol and one part of water.

6. Chloride of lime solution (10 per cent.). Prepare by adding ½ lb. of good chloride of lime to one gallon of water and mixing thoroughly. This should be prepared only as needed.

7. Milk of lime. Owing to the importance of using freshly prepared solutions and the favorable effect of the heat produced by slaking upon the efficacy of the disinfection, the following method is recommended:

(*a*) Add unslaked lime directly to the infective material, suspended in water, in the proportion of one part to eight parts of the material.

(*b*) When a solution is required the lime should be slaked by mixing one part of lime with four of water and adding one part of this solution to one part of the material to be disinfected; but this solution must be used promptly.

Air-slaked lime will not serve.

Liquor Cresolis Compositus.—Preparation of liquor cresolis compositus. Mix 1 pound green soap with 17 ounces cresol and sufficient water to make 34 ounces of solution. The preparation should be made in wooden bucket or an earthenware jar. For economy this should be purchased in barrel lots by the local board of health. This is a valuable cleanser and disinfectant.

Caution: Poisoning and Antidotes.—Carbolic acid and bichloride of mercury are violent corrosive poisons and great care should be taken to see that disinfectant solutions are kept out of the reach of children. If, by accident, a disinfectant solution is swallowed, a physician should be sent for at once. Do not wait until he arrives, but give the proper antidote as quickly as it can be prepared.

Antidotes for carbolic acid. Olive oil, and castor oil.

Antidotes for bichloride of mercury. Raw eggs, flour paste and milk.

Try to provoke vomiting so as to empty the stomach. For this purpose give mustard and water, or salt and water, or tickle the back of the throat.

The Disinfection of Discharges.

The disinfection of sputum and of discharges from the mouth, throat and nose, and from the eyes and ears.—The communicable diseases in which these discharges are to be regarded as of special significance as the conveyors of infective agents are diphtheria, measles, mumps, chickenpox, whooping cough, tuberculosis, epidemic cerebrospinal meningitis, poliomyelitis, epidemic streptococcus or septic sore throat, scarlet fever and smallpox.

Sputum and other discharges from the mucous membranes are not easy to disinfect because the disease-inciting organisms are apt to be enveloped in mucus, which disinfectants do not readily penetrate. The strong carbolic solution, 5 per cent., is most efficient for this purpose. Sublimate solution is not so effective because in its presence a layer of albuminate of mercury is formed about the microorganisms, preventing access to them.

Sputum, when in considerable quantity, should be received, if practicable, in paper cups which with their contents may be burned. If this is not practicable it may be received in ordinary cups containing the strong 5 per cent. carbolic solution. When not in large

quantities, sputum and other infective discharges from the mouth, throat and nose, and discharges from the eyes and ears should be received on cheap cloths or soft paper, and promptly burned. If handkerchiefs are used to receive infective discharges they should be immersed in the carbolic solution before the discharges dry. After immersion for one hour in an abundant volume of the solution, handkerchiefs or other contaminated fabrics may be laundered.

The Disinfection of Discharges from the Alimentary Canal and Urinary Tract.—The communicable diseases in which these discharges are especially significant are typhoid fever, and para-typhoid fever, in both of which the urine as well as the intestinal discharges may harbor infective agents' dysentery, and Asiatic cholera. In the latter cases vomited material may also be infective.

In the afore-named diseases the discharges from the bowels, and the urine should be received in bed-pans or other vessels containing a small amount of chloride of lime solution (½ lb. to a gallon of water). A quantity of chloride of lime solution, equal to twice the volume of the discharge, should at once be added, and fecal lumps broken up and thoroughly mixed. The receptacle with its contents, covered to exclude flies, should stand for at least an hour before being emptied into the water-closet, privy or trench. The trench should be one foot wide, 3 feet deep, 4 feet long, covered with a plank to exclude flies or snow.

After emptying the pans or other vessels which have received such discharges, they should be immersed in a disinfecting solution, and the hands of the attendant should at once be carefully cleansed or disinfected. Neither the disinfection of the discharges nor the cleansing of the hands should be delayed.

Disinfection of Discharges from the Genital Tract.—If copious, these should be collected on dressings of sterile absorbent cloths and burned.

Disinfection of Discharges from Open Wounds and from Ulcerating Surfaces on the Skin.—These discharges also should be collected on dressings of sterile, absorbent cloths and burned.

Disinfection of Clothing, Bed Linen, Towels, Napkins, and Similar Articles which have been Contaminated with Infective Discharges.—Such articles should be soaked in carbolic solution (2½ per cent.) for one hour or longer. Then, after wringing out, they should be boiled for twenty minutes in the soapsuds solution, and laundered as usual.

Outer garments of woollen stuffs, mattresses, pillows and similar articles which it would be a hardship to destroy, should be disinfected by exposure to formaldehyde gas, in a closed room or in special receptacles or chambers designed for this purpose, or, they may be sterilized by steam, when the facilities for such form of disinfection are available.

Disinfection of the Person.—The disinfection of the skin. Simple but thorough cleansing with soap and water is the most important feature in skin disinfection and must suffice for much of the general routine in the care of the patient. But any part of the surface of the body of the patient or of his attendants which has been contaminated with infective discharges should at once be washed with the carbolic solution (2½ per cent.) or with 1 to 1,000 sublimate solution, and then washed with soap and water. Alcohol (75 per cent.) is also a most serviceable disinfectant for the skin and will remove the sensation of numbness induced by carbolic solutions.

A basin of carbolic solution (2½ per cent.) or of sublimate solution 1 to 1,000 as well as soap and water, should always be accessible to a room in which a case of communicable disease is isolated, so that nurses and attendants may quickly rinse and disinfect and wash their hands after attending to the patient.

By the use of rubber gloves much of the discomfort from frequent cleansing and soaking of the hands in disinfectants may be avoided. Rubber gloves are readily disinfected in the strong carbolic solution, 5 per cent., or in the strong bichloride solution 1 to 500; or sterilized by five minutes' boiling. After disinfection or sterilization they should be dried and kept well-powdered.

For hypodermic injection or similar treatment, the site of puncture or erosion, after cleansing with soap and water, may be disinfected with alcohol, or alcohol and ether, or by the application of tincture of iodine.

The disinfection of Mucous Membranes.—Owing to the delicacy of these structures and the inconvenience and risk involved in their injury, it is impracticable to bring disinfectant solutions into sufficiently close contact with micro-organisms which they may harbor in their various recesses and to secure the necessary time of exposure to the solutions, to obtain even approximate disinfection. Here, therefore, as in the case of the skin, it is intelligent cleansing rather than technical disinfection which must be relied on.

Though antiseptics may be used for cleansing purposes, in the mouth, for example, the period of contact between them and the germs is at best too short for the development of their inhibitory effects.

For the cleansing of the mouth, an alcoholic wash or gargle is among the most serviceable of the antiseptic solutions. A conventional formula for such a purpose, made either alkaline or acid as may be desired, is as follows:

ALKALINE SOLUTION.

Sodium bicarbonate	0.5	parts
Glycerine	10	"
Alcohol	30	"
Water	60	"

ACID SOLUTION.

Vinegar	10	parts
Glycerine	10	"
Alcohol	30	"
Water	50	"

Thermometers, when in frequent use in the sick room, should be kept in a 2½ per cent. carbolic solution.

Disinfection of Foods.—Thoroughly cooked foods and drinks which have been boiled for ten minutes are free from all disease germs.

Remnants of food from the sick room should be burned; or, if more convenient, soaked for an hour in 5 per cent. carbolic solution or in milk of lime.

Disinfection of Eating Utensils.—Eating utensils used by a patient affected with a communicable disease, such as knives, forks, spoons, dishes, etc., should be reserved for him and after use should either be boiled for ten minutes in soapsuds, or washed first in 5 per cent. carbolic solution, then in hot soapsuds and rinsed in water.

Disinfection of the Person at the end of the Isolation Period.—If all necessary precautions have been carried out during the isolation period, additional measures of disinfection are unnecessary on release, except in cases of *scarlet fever, smallpox* and *chickenpox.* After these diseases the person of the patient and his attendants should be cleansed by washing the entire body and hair with soap and water; brushing the teeth, rinsing the mouth and gargling the throat with an antiseptic solution (see above). There should also be a complete change of underclothing.

An Infectious Disease is a disease which is caused by the entrance into the body and multiplication therein of pathogenic, that is, disease-inciting germs or micro-organisms.

Infection is the act or process of the incitement of an infectious disease. The process of infection marks the interaction between the invaded animal organism and the attacking micro-organism.

An Infective Agent is a living micro-organism, capable under favorable conditions of inciting infectious disease.

Infective agents, under the usual conditions of life, are most often transmitted in the secretions or excretions of those affected by communicable infectious diseases, or of those who, though themselves not affected, harbor pathogenic micro-organisms.

A Communicable Disease is an infectious disease the inciting agents of which may, under usual conditions, be transmitted from those affected with the disease, or from those otherwise harboring these agents, to others with the incitement of the disease in fresh cases as a result.

A "carrier" is an individual who, though not at the time himself affected, harbors in his body, or in his secretions or excretions, micro-organisms which under favoring conditions may incite infectious disease in himself or in others.

The Incubation Period is the interval which elapses between the entrance into the body of infective agents and the manifestation of the symptoms or the development of the lesions which the germs incite.

Epidemic Disease.—A disease may be said to be epidemic when for a limited period it is abnormally prevalent in a community, so as to involve a considerable number of persons.

An Endemic Disease is one which is ordinarily present and prevalent in a locality.

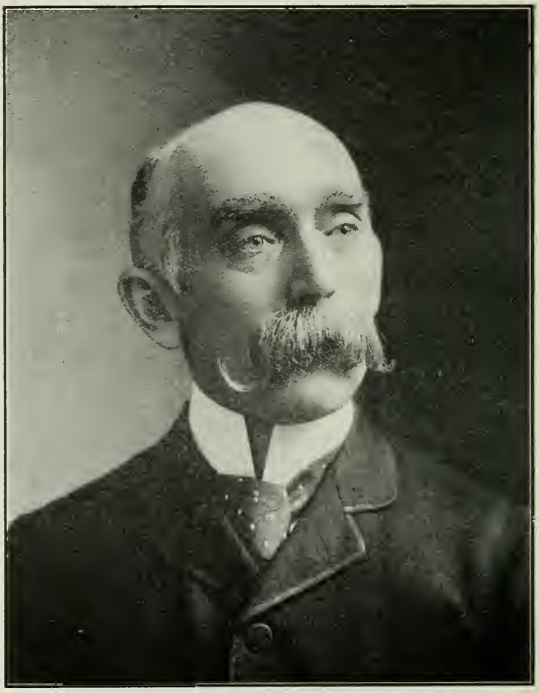
Cultures are growths of micro-organisms, usually carried on under artificial conditions, for the purpose of studying their characters; or, when derived from cases of suspected communicable disease, to identify forms whose nature must be definitely known, in order that the proper treatment and effective safeguarding of the community may be secured.

Exposure to a case of communicable disease means the coming of an individual into such direct relationship to the patient or to materials from his body which presumably contain infective agents, as to render liable the conveyance of the latter, directly or indirectly, from one to the other. Persons so exposed are known as "**Contacts.**"

Isolation of a case of communicable disease is the separation of the case from those not concerned with its care or with the protection of the public health, under conditions which so far as possible will prevent the spread and secure the destruction of all infective material coming from the patient. At the termination of the isolation period, such measures of cleansing and disinfection of the person and of the surroundings of the patient and of his attendants should be taken as will safeguard associates and the community against infective material which from some inadvertence or neglect may linger undestroyed.

HON. WALTER R. ROLLO,
Minister of Labour.

William Oldright, A.B., M.B.,
1st Chairman, 1882-1884.



Peter Henderson Bryce, M.A., M.B., L.R.C.P. S. Edin..
1st Secretary, Chief Officer of Health and Deputy Registrar-General, 1882-1904.

1910-1920
A REVIEW OF TEN YEARS' PROGRESS

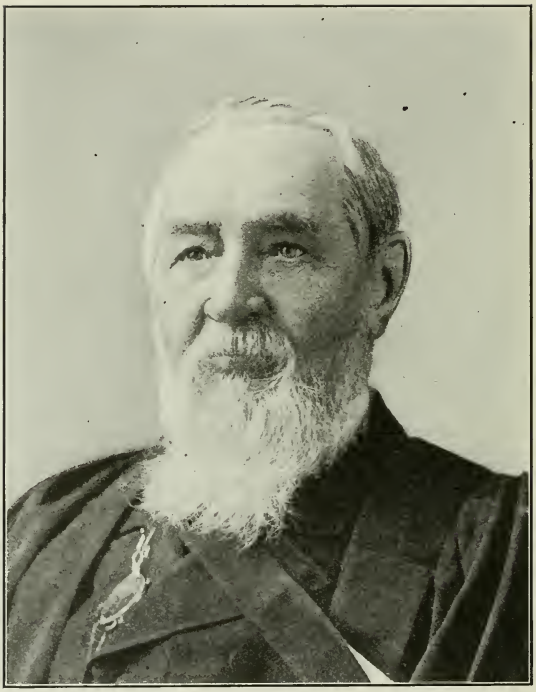
The Chief Officer having completed ten years' service in charge of the work of the Provincial Board of Health has published a statement of the progress made in public health in Ontario during this period. This, with a brief account of the earlier history of Public Health in Ontario is included in this report and is substituted for the usual review of the year's work.

Early History of Public Health in Upper and Lower Canada.

The earliest evidence of the recognition of Public Health in Canada was the enactment of the Quarantine Act in 1794.

The epidemic of cholera (1832-4) stimulated the Legislature of Upper Canada to action, and an Act to establish Boards of Health was passed by that body. From this time to 1848 there was little or no activity in respect to public health matters. (The Provinces of Upper and Lower Canada were united in 1840). There was a typhus epidemic in Canada in the years 1845-47, and of cholera in 1849, and again in 1854-5. It will be of interest in passing to note that in 1847, immigrants to the number of 98,106 passed through the port of Quebec. Of these 8,691 were admitted to Grosse Ile Hospital. Three thousand two hundred and twenty-six of these and two thousand one hundred and ninety-eight others on ships in quarantine died of typhus fever, and are buried at Grosse Ile. The outbreak of cholera was doubtless the reason for the enactment establishing "A Central Board of Health" in 1849. The public mind remained undisturbed in respect to public health until 1866, when the outbreak of cholera in that year induced the Government to enact new regulations looking to the control of the disease. Confederation of the provinces of Canada occurred in 1867, and in 1873 a Public Health Act passed in Ontario permitted the appointment of members of municipal councils and trustees of police villages to act as health officials (Local Health Committees). These were the forerunners of the present local boards of health.

Apparently our forefathers (something like ourselves) needed an epidemic of some sort to create interest in health matters. There was a severe outbreak of yellow fever in the United States in 1877. In the following year a select committee of the Legislature of Ontario was appointed to consider the report "on the subject of sanitary measures for maintaining and promoting the public health." This committee having reported, agitation became quite general about 1881 for the creation of some permanent central health organization in Ontario. Various commissions were appointed. These reported favourably, and in 1882 the Provincial Board of Health was established under the authority of 45 Victoria, Chap. 29, R.S.O. A permanent



Charles William Coverton, M.D.,
Chairman, 1884-1887.

secretary in the person of Dr. Peter H. Bryce was appointed. He continued in office until the year 1904, when he resigned to become Chief Medical Inspector to the Department of the Interior and Indian Affairs at Ottawa.

It will be remembered that the enactment of 1873 permitted the appointment of local health committees, but up to 1882 only fifty of these committees have been appointed.

The first meeting of the Provincial Board of Health was held in Toronto *on May 9th, 1882.* The first Chairman was Dr. Wm. Oldright, and the other members were Dr. C. W. Coverton, Dr. J. Hall, Dr. J. J. Cassidy, Dr. F. Rae, Dr. H. P. Yeomans, and Dr. P. H. Bryce, Secretary.

The first annual report was published in 1882-3. From the earliest days the reports of the Board are filled with interesting material showing that the members of the Board were fully alive to their duties. In November, 1882, Principal John Galbraith, C.E., of the School of Applied Science, was appointed to succeed Dr. J. Hall, who had resigned. Of the early members of the Board the sole survivor is Dr. Peter H. Bryce.

The Premier of the day, Mr. (afterwards Sir Oliver Mowat), speaking to Dr. Bryce (the first Secretary of the Provincial Board) said: "We have passed this health legislation but have little knowledge of just what there is to do, or of its extent, but in any case, Dr. Bryce, its success will wholly depend upon your energies." These words were spoken thirty-eight years ago, and as Dr. Bryce says: "The comparison of the grant of $4,000 in 1882 for the payment of the half-time Secretary of the Board and for travelling and other expenses, with the half million or more voted in 1920, will serve to illustrate the evolution of Public Health as a part of the social activities of a progressive modern community."

The original Act passed in 1882 had in addition to the establishment of the Board the following objects:—

(1) Collection and dissemination of sanitary information.
(2) Health legislation.
(3) Investigation of the causes of diseases.
(4) Dealing with outbreaks of disease.
(5) Dealing with food and drink supplies.
(6) Concerning school hygiene.
(7) Sanitary Supervision of Public Institutions.

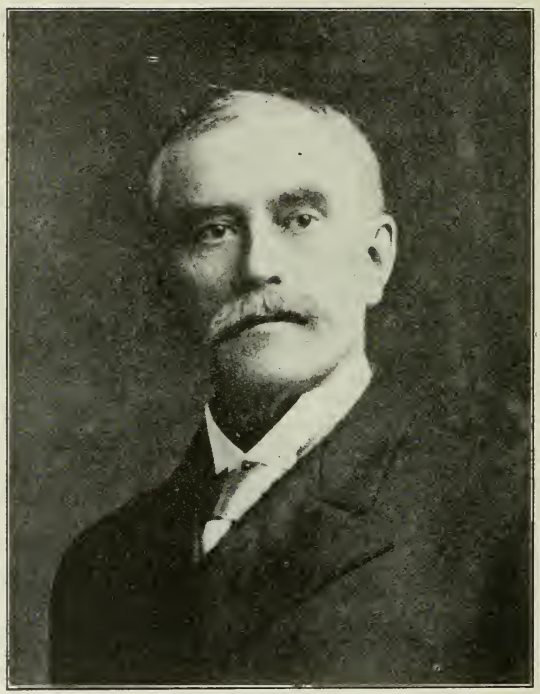
It needed considerable courage to enact what were considered drastic health laws in those days, and it was with some misgivings, and undoubtedly acting under the advice and pressure of the energetic Secretary and his Board that the Premier of the day introduced and passed in 1884 the Public Health Act, which with succeeding amendments is the basis of the excellent Health Code existent at the present time. The Public Health laws of Ontario, like most of our laws, are founded on those of England, and we who are concerned with public health work at

FRANCIS RAE, M.D.,
Chairman, 1887-1890.

the present time have reason to be grateful for the wisdom and courage of our predecessors. These laws are also the basis of much of the Public Health law of the other provinces of Canada. There is, perhaps, no public health law in America any more concise and satisfactory than that of Ontario. The value of the Act was submitted to an early test in an outbreak of smallpox which occurred in the autumn of 1884 in the Township of Hungerford. There were 204 cases with 33 per cent. of deaths. Dr. Bryce took charge of matters and succeeded in having over 4,000 of the population vaccinated. By this means the epidemic was promptly checked. The powers of the Act were enlarged from time to time: in 1885 to allow the Board to deal more effectively with contagious diseases, in 1886 for the expropriation of land for isolation hospitals, and in 1887 for notification of Public School teachers in cases of contagious diseases. In the same year provision was made for inspection of slaughter houses, and of dairy and ice supplies. The position of Chief Officer of Health, including that of Secretary of the Board, was created in this year. In 1889 Stipendiary Magistrates were made Health Officers for the unorganized districts, and still hold this office. In 1900 the Act to establish County Sanatoria was passed, providing for assistance in the cost of building and for a per capita grant in the maintenance of patients. The effect of this legislation upon the mortality of tuberculosis in Ontario is dealt with elsewhere in this review. In 1892 the Registration of Births, Marriages and Deaths was placed under the control of the Secretary of the Provincial Board, who became Deputy Registrar-General.

The year 1890 was prolific in important additions to the Act; such, for example, as inspection of meat and milk, and of animals suffering from contagious disease. In this year provision was made whereby County Health Officers might be appointed. This enactment failed to enlist the encouragement it deserved. This may have been due to hesitation on the part of the County Councils to incur the expense hitherto and still borne by the municipalities. Another reason may have been the large size of our counties. Greater results might possibly have been attained if the Government had been wise enough to have given some financial assistance for public health purposes to the counties. The provision for County Health Officers remained on the statute books until the revision of 1912, when it was dropped. Some changes were made in the appointment of local boards in 1895, and in this year the important step of placing *the approval of plans for water supplies and sewerage works* in the hands of the Board was made law. The present satisfactory condition of a large proportion of our public water supplies may be traced to this enactment, and to the subsequent stiffening of the law in this respect.

In the years 1896 to 1900 further provision was made in the licensing and inspecting of meat and milk supplies. The recog-



John Joseph Cassidy, M.D.,
Chairman, 1890-1894.

nition of the increasing importance of the lumber trade in the immense forest areas of Ontario, as well as the mining industry led to the enactment in 1901 of *provisions for the sanitation of industries in unorganized territory.* This was the first recognition of industrial hygiene in Ontario.

Up to 1890 the office of the Board was located on the upper floor of Philip Jamieson's shop, at the north-west corner of Queen and Yonge Streets, and in the same year the first Public Health Laboratory was established under the direction of Prof. J. J. Mackenzie, now Professor of Pathology and Bacteriology in the University of Toronto. The laboratory was situated above John Wanless' jewellery shop in the west side of Yonge Street, between Queen and Richmond Streets. Later it was moved to the Biological Building of the University, then to the Medical Building, and in 1911 to No. 5 Queen's Park. Before these lines are read we shall probably have moved to more commodious quarters of which some future historian may write.

Professor Mackenzie has been good enough to write as follows:—

"The Board of Health, at that time (1890) was in the Department of Agriculture, and the offices of this branch of the service were in the upper floors of the building upon the north-west corner of Queen and Yonge Streets. With the establishment of the laboratory, the Board of Health moved into rooms on the top flat of the Wanless Building, a few doors below Queen Street on Yonge Street. The Board remained in these quarters until the present Parliament Buildings were opened, when the laboratory was moved to a room in the Biological Department of the University.

"There was no special appropriation at first for the equipment and maintenance of the laboratory, but this expense was met from an appropriation in the Department of Agriculture for the investigation of diseases of animals.

"Almost the first work undertaken by the laboratory was the investigation of outbreaks of rabies. An interesting point about this was that in 1895 I saw the structures afterwards described as 'Negri Bodies' in the brains of rabbits dying from rabies, in dogs and in the brain of a child who had died of rabies in Hamilton. I thought the structures were degeneration products, and so described them at the meeting of the British Association in Toronto in 1897. In the annual report of the Association for that year there is a brief abstract of the finding.

"The work gradually extended to systematic bacteriological and chemical examination of water supplies. The systematic examination of suspected diphtheria swabs, suspected tuberculosis sputum and blood from cases of suspected typhoid fever, *was begun by the laboratory earlier than anywhere else in America.*

John Duff Macdonald, M.D.,
Chairman, 1894-1900.

"An interesting study of a local outbreak of typhoid fever near Innerkip was made in 1896 when one of the earliest suggestions of the role of the typhoid carrier, in the causation of circumscribed outbreaks of typhoid, was made. In this epidemic the Widal test was made on all the cases and the contacts. Tuberculin testing of cattle was initiated by the laboratory, and for a time, tuberculin and mallein were imported from the Pasteur institute, Paris, and distributed where required in the province. About 1895 the laboratory also imported diphtheria antitoxin from the Pasteur Institute and for a few months distributed the supply.

"Throughout this time, as head of the laboratory, I did all the bacteriology and chemical work without assistance except that of a boy to look after the animals and clean up the glassware."

Dr. Mackenzie remained in charge of the laboratory until 1900, when he was succeeded by Dr. John A. Amyot, who, following his appointment as Deputy Minister of Health at Ottawa, was succeeded in 1919 as Director of Laboratories by Mr. H. M. Lancaster, B.A.Sc. Dr. Bryce was succeeded as Chief Officer in 1904 by Dr. Chas. Hodgetts, who for some years previously had been Provincial Medical Inspector. The latter position was in the same year taken by Dr. R. W. Bell, who is still in active service. In the same year a branch laboratory was established in connection with Queen's University, Kingston. This laboratory was for many years in charge of Dr. W. T. Connell, who resigned in 1920, to be succeeded by Dr. James Miller. Dr. Wm. Oldright (1882-4) was succeeded as Chairman of the Board by the following:—Dr. C. W. Coverton (1884-7), Dr. Francis Rae (1887-90), Dr. J. J. Cassidy (1890-4), Dr. John Duff Macdonald (1894-1900), Dr. Henry Edward Vaux (1900-3), and Dr. Edward E. Kitchen (1903-6).

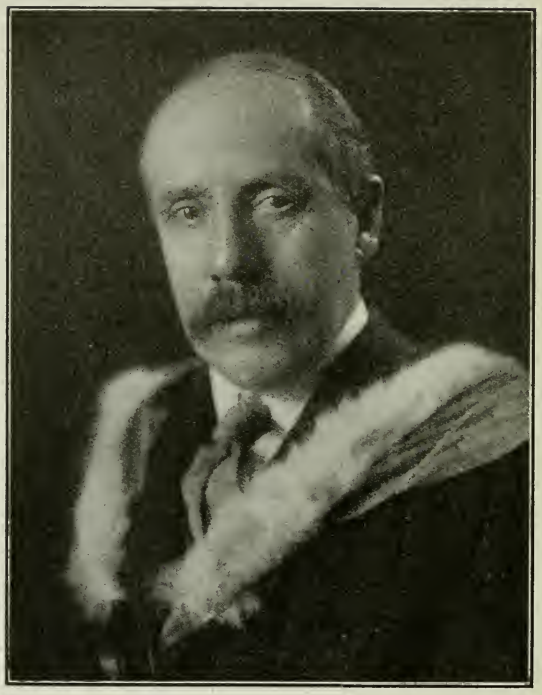
In 1906 Dr. Chas. Sheard, the present Dominion member for one of the Toronto ridings, became chairman. Dr. Sheard had been for some time Medical Officer of Health for the City of Toronto, holding the latter position for 18 years. He was succeeded in 1911 by Dr. Adam H. Wright, the present chairman.

Dr. Bryce, to whom the writer is indebted not only through the reports of twenty-two years, but by personal communications for the greater portion of this review says: "It is a pleasure to me to have recalled these stages in the growth of Public Health in Ontario and to feel, like Aeneas relating to Queen Dido his wanderings till he reached the dear Lavinian shores and founded his new home, that I have been an important part of it all."

"Et quorum pars magna fui."

Relative to the laboratory Dr. John A. Amyot writes as follows:—

"When I took over the laboratory in 1900 I was alone, I



Prof. J. J. Mackenzie,
First Bacteriologist.

cleaned the glassware, fed the animals, made up the media and standard solutions, did the examinations, the results of which (1,250 that year) I reported in longhand. When we moved into the Medical Building we had both bacteriological and chemical assistants and a cleaner. We lacked a stenographer, but signalled to the Parliament Buildings with a white towel when we wanted one. This plan did not work well. In 1902 our first field work in sewage disposal was done in Berlin (now Kitchener). When we moved to 5 Queen's Park the first Pasteur vaccinations were done, the vaccine used being sent by special delivery mail from New York daily. An Experimental Plant (for sewage and water) was established in Stanley Park; the Laboratory in London set up; and the first laboratory 'check off' of a municipal water plant was done at Lindsay in connection with the 'Ozone' purification scheme there."

George G. Nasmith, Ph.D., was the first chemist on the staff of the Laboratory. He was appointed in 1902 and continued in this position until the year 1910, when he became Chief of the Laboratories of the Health Department of the City of Toronto. Despite none too robust health, he served overseas in the war for several years, reached the rank of Colonel, and for distinguished services was awarded a C.M.G.

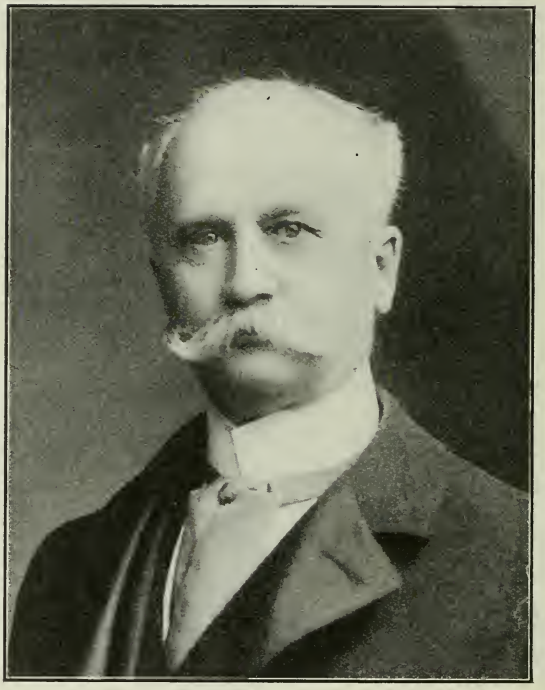
Dr. Chas. A. Hodgetts, who became Chief Officer of Health in 1904, had previously been Provincial Inspector of Health, and brought to his new position a thorough practical training in the Board's work. The experimental station was established during his period of office, and he points out that in 1904 no fewer than 35 sewerage problems and 25 water situations were investigated, clearly showing the necessity for such an experimental station. In the same year the first official investigation of the sanitary condition of the Muskoka and Kawartha Lakes districts was made. Every year brings to these and the other summer resorts of Ontario thousands of visitors from all over the continent. It is to the credit of the sanitary supervision maintained by the Board that it is only very rarely that a case of typhoid fever can be traced to any of these summer resorts.

The Health exhibit was originated by Dr. Hodgetts in 1908.

The complete history of the Boards service may be found in the reports published from year to year.

Motto of the Provincial Board of Health.

The motto of the Provincial Board of Health, "*Ne pereat populus Scientia absente*" (Let not the people perish for lack of Knowledge) is peculiarly fitted to be the aim of a Public Health Department. It was first proposed by Mr. Irving H. Cameron, M.B., F.R.C.S., Eng., for many years Professor of Surgery in the University of Toronto, who, though not actively engaged in



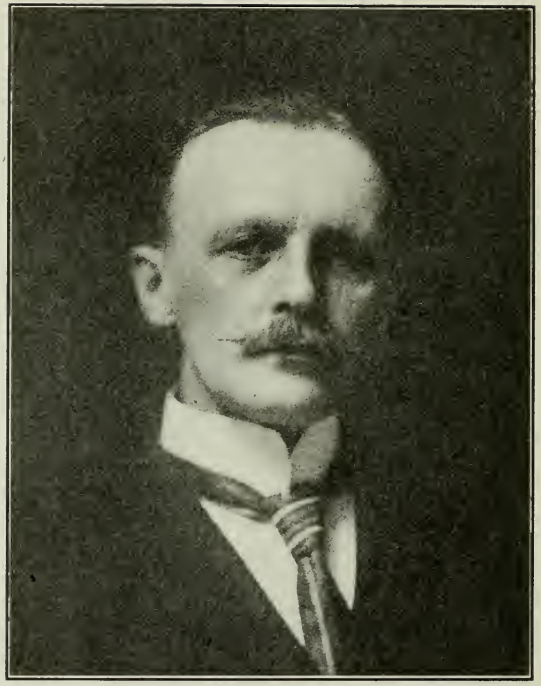
Henry Edward Vaux, M.D.,
Chairman, 1900-1903.

public health work, has been and still continues to be profoundly interested in the field of preventive medicine. The use of this motto has heretofore been overlooked, if not almost abandoned. It is intended to revive its use in this and future publications of the Board.

THE PROGRESS OF TEN YEARS.

The progress of public health in Ontario has necessarily been slow. This has been due chiefly to the immense area of the province (some 403,000 square miles), the comparatively small and scattered population, and the difficulty of securing financial support for what many people have considered a useless expenditure of money. Thanks to the energetic spirit of the members of succeeding Provincial Boards, and particularly to the exertions of my able predecessors, Dr. Peter H. Bryce, the father of public health in Ontario, and Dr. Chas. A. Hodgetts, C.M.G., as well as to Dr. John A. Amyot, for some time Professor of Hygiene in the University of Toronto, wide knowledge of the value of preventive medicine had been spread among our people. The writer joined the Board in 1906 under the ministry of a broadminded member of the Government, the late Hon. W. J. Hanna, K.C. In 1910 Dr. Hodgetts resigned the position of Chief Officer of Health to become Medical Adviser to the Commission of Conservation, and was succeeded by the writer. One of the earliest duties at this period was to secure a consolidation of the public health laws, which had been for some years under consideration by the Board. This was accomplished in 1912. An important addition to the Act provided for the appointment of ten District Officers of Health. At the outset seven were appointed, five of whom were assigned to the older portion of Ontario and two to the newer and less organized portion. The District Officers are legally qualified medical practitioners, who were given a special training for their work. They are full-time men, who have given the greatest satisfaction in their respective areas. An additional officer was appointed for the area adjacent to Sault Ste. Marie this year.

The Board ordinarily meets at intervals of three months, and it was found that many matters, such as the approval of the plans of water and sewerage works, were unduly delayed by having to wait for a meeting of the Board. To obviate this difficulty an amendment was secured in 1911, giving the Chief Officer all the powers of the Board in the interval between meetings. The status of the local Medical Officer of Health has been much improved by the new Act, which provides that he can not be dismissed, except for cause and with the approval of the Board. In addition the Medical Officer of Health is made a member of the local Board of Health and its executive officer, and an additional



Charles Alfred Hodgetts, M.D., L.R.C.P.,
Chief Officer of Health and Deputy Registrar-General, 1904-1910.

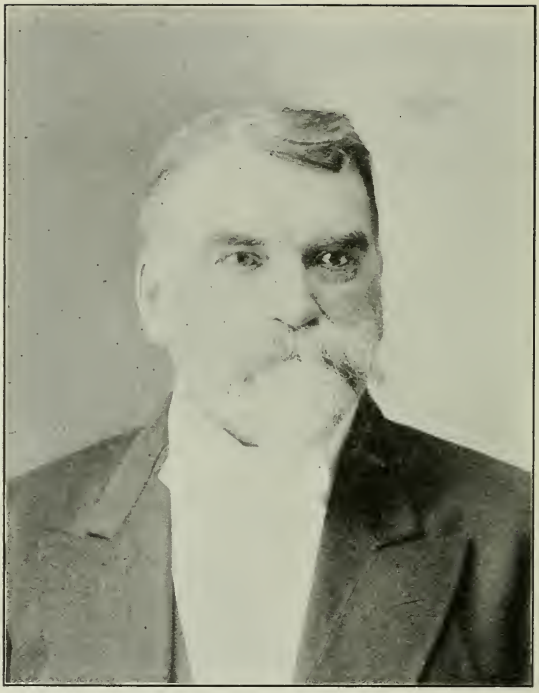
amendment, passed in 1918, referred disputes as to the salary of the Medical Officer of Health to the County Judge. An annual conference of health officers was established by the Act, and since 1912 local Medical Officers of Health have met every year.

The several amendments respecting the Medical Officer of Health have served to secure some continuity in his tenure of office. The emolument, never very large, has been increased in the majority of cases, and the general personnel has been improved so far as could be expected in a part time service given by men busy in practice. There are some 830 municipalities in Ontario. These are served by about 730 Medical Officers of Health.

In the year 1919 the Board, which had heretofore been a part of the Department of the Provincial Secretary, was transferred to the Department of Labour, of which the Hon. Walter R. Rollo is Minister. In the following year the plan of divisional administration was adopted.

Division of Laboratories.

The Public Health Laboratories of the Board at Toronto and Kingston were supplemented in 1911 by one at London in connection with the Institute of Public Health in that city. An Experimental Station in Stanley Park, Toronto, was opened in 1908, and has grown to extensive proportions. At this plant the various types of water purification and sewage disposal are shown, and experiments carried on in this important work. Additional public health laboratories were established at Fort William in 1919, and at Sault Ste. Marie and North Bay in 1920. Each of our laboratories is now in charge of a competent full-time director and carries on public health laboratory work of every variety. Thus our laboratory system has grown from the modest unit of 1890, established under Prof. J. J. Mackenzie over a shop in Yonge Street, Toronto, to seven extensive and well-equipped ones placed at strategic points all over Ontario. Many of the larger cities now have laboratories of their own. The various laboratories of the Board supply a free service to the medical profession and public. In addition to the ordinary work of a laboratory, the Toronto Laboratory prepared and supplied free of cost to the Department of Militia and Defence, the major portion of the T.A.B. vaccine used in the Great War for the protection of Canadian soldiers against enteric diseases. The cost of the vaccine supplied would at ordinary commercial prices approximate to a million and a quarter dollars, and what is of infinitely greater value, may fairly be claimed to have saved thousands of lives which might otherwise have, as in former wars succumbed to typhoid fever. The Laboratory prepares pertussis vaccine, preventive treatment for babies' sore eyes, and provides the Pasteur preventive treatment for rabies. Within the last year the preparation of arsphenamine has been undertaken, and our pro-



Edward E. Kitchen, M.D.,
Chairman, 1903-1906

duct (called Phenarsenamine) is in general use in all our Venereal Disease clinics. In 1899 there was a total of 1,370 specimens examined in the only laboratory (Toronto) then in existence. In the present year, notwithstanding the fact that six other of our laboratories are carrying on public health work in Ontario, the Toronto laboratory averaged about 1,000 specimens a week.

Free Distribution of Biological Products.

In the year 1914 the Board began a practical demonstration of the possibility of supplying the people of Ontario biological products, such as diphtheria antitoxin, at prices much below those of commercial houses. This plan had been anticipated to some degree in 1910, when there was an outbreak of rabies in the western portion of Ontario. Previous to that date the nearest available Pasteur Institute was in New York City. The expense for the preventive treatment of persons bitten by rabid dogs under such circumstances was frequently beyond the means of any but wealthy persons, and in some instances had to be borne by the municipality. Arrangements were made whereby this treatment was afforded at a cost of twenty dollars per person. In 1914, when Dr. J. G. FitzGerald, with the very cordial and hearty co-operation of Sir Edmund Osler, then Chairman of the Medical Section of the Commission of Conservation and a Governor of the University of Toronto, established in the University of Toronto the Antitoxin Laboratory, the Board was able to make arrangements for the supply of antitoxins and vaccines at an extremely low price. This plan was in 1916 succeeded by a system of free distribution of biological products of all kinds. This contribution to the public health service is largely due to the generosity of Col. Albert E. Gooderham, a public-spirited citizen of Toronto. This gentleman donated a farm of some 51 acres with suitable buildings to the University of Toronto for an antitoxin laboratory. This property is known as the Connaught Laboratories, and here the various biological products are prepared. They are sold practically at cost to the Board, which in turn supplies them free to the public. The establishment of these laboratories has made diphtheria antitoxin, etc., of first-class quality available at cost price, not only in Ontario, but to all of Canada. Carefully collected statistics of late years have shown that the mortality from diphtheria among us has been greatly reduced. For example, in 1903 there were 31 deaths in every 100,000 of population, while in 1918 the rate had been reduced to 12 in the 100,000. If the knowledge of the value of antitoxin were widespread and every case treated by this means on the first day of the affection the mortality from this dreadful disease would soon be reduced to nothing and the disappearance of the disease itself would be within the range of possibility.

Maternal and Child Hygiene and Public Health Nursing.

Just before the commencement of the Great War a beginning was made towards the establishment of a Child Hygiene Bureau. Progress during the war period was necessarily slow because of lack of funds. The subject was actively taken up during 1919, and in the present year a Division with the aforenamed title established.

In forming this Division the Board had in mind the excellent results attained by a somewhat similar movement in New Zealand, begun years ago by Lady Plunkett, and carried into successful operation by the efforts of Dr. Truby King. This movement among our kin on the other side of the world has had remarkable success in reducing the infant death rate, etc., making New Zealand the premier nation of the world in the care of the health and lives of its babies. There is no reason why similar success may not be attained in Ontario.

A director, assistant director and a pediatrician were appointed, and a group of nurses trained for the purpose of establishing community health centres and baby clinics throughout Ontario. A travelling clinic was organized and the "Child Welfare Special" secured. The work is now in active operation and promises splendid results.

The saving of child life does not depend altogether upon work among the babies themselves. Efforts in this direction are commendable and of great value. Much in addition may be accomplished by supervision of the pregnant mother. Our work is not among the well-to-do, who are likely to have medical supervision during pregnancy. There is greater need among the middle and poorer classes of people. What the pre-natal clinic will accomplish is strikingly illustrated by the records of the Burnside Lying-in Hospital in Toronto during the last two years. These are as follows:—

	Semi-private cases.	Public Ward cases unsupervised.	Public Ward supervised by a clinic.
Number of cases...	1,198	505	416
Death of mother....	10. (0.8%)	18 (3.5%)	2 (0.4%)
Still-births	45 (4.0%)	40 (7.9%)	6 (1.3%)
Eclampsia (Convulsions)	20 (1.6%)	16 (3.0%)	2 (0.4%)

The comparison is made plainer if one analyzes the different groups in terms of 1,000. Thus it will be seen that in the semi-private cases which were unsupervised the mortality was 8 per 1,000 births, in the public ward unsupervised cases 35 per 1,000, while in the supervised public ward cases the rate was only 4 per 1,000. In still-births the rates for the corresponding groups were 40, 79 and 13 respectively. In the case of eclampsia the

Charles Sheard, M.D., M.R.C.S., Eng.,
Chairman, 1906-1910.

ratios were 16, 30 and 4 per 1,000. Is there any better argument for medical supervision of pregnant mothers? To secure proper attention for the mothers and their babies is the field assigned this Division.

Miss Mary Power, B.A., is the Director and Miss Beryl Knox, Assistant Director. Dr. W. J. Bell is Pediatrician.

Much of the initial effort in formulating the plan of the Division is due to the Board's Consultant in Pediatrics, Dr. Alan Brown. To him and his associates is due the credit of training our nurses and other officers of the division. The addition of a dietitian, and of a *Consultant in Obstetrics, will prove of further assistance. It is scarcely necessary to point out the value to any country of the proper care of infant life. Not only will an immense proportion of child life be saved by suitable measures, but it is safe to predict that the physique of our people will in future years be found to have been greatly improved by the efforts in this field of preventive medicine. Viewed in the light of our present knowledge this is probably the most promising field of public health work in this country.

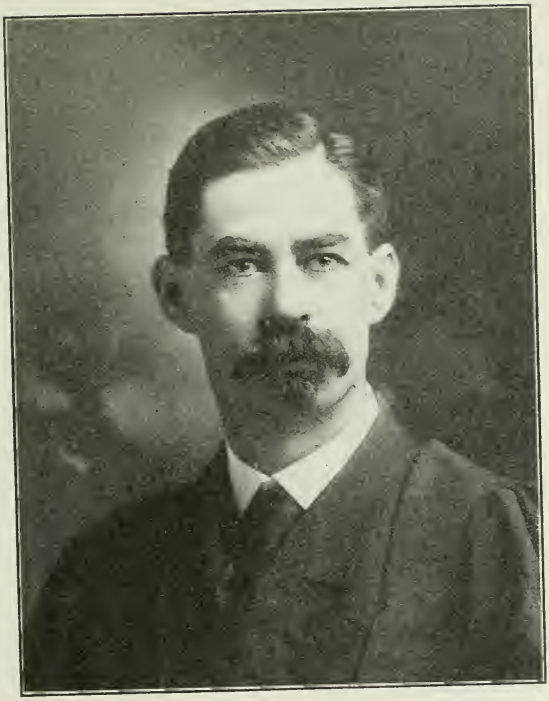
Educational.

The Board has long recognized that the education of the people in the value of public health measures is the surest way to stimulate interest in this subject, and to gain the financial support necessary to carry out modern sanitary measures. The Health Exhibit referred to is one means, the distribution of sound literature upon topics of preventive measures another. It has been found to be comparatively easy to gain public support of sanitary measures when the public understand their value. So the Board has systematized the distribution of literature by making the public schools, the Women's Institutes, and other voluntary agencies the means of distribution. The publication of Health Topics in the weekly papers, and advertising to some extent have been utilized. In the present year a Division of Public Health Education has been established and its direction placed in the hands of a competent physician, who is charged with the work of disseminating useful public health knowledge. J. J. Middleton, M.B., D.P.H., is Director of this division.

Public Health Exhibits.

From a small beginning originated by our predecessor the exhibit feature of the Board's educational programme has grown to large proportions and includes a general exhibit in all phases

*(B. P. Watson, M.D., F.R.C.S., Edin., Professor of Obstetrics in the University of Toronto, has just (1920) been appointed Consultant in Obstetrics.)



Dr. J. A. Amyot, C.M.G.,
Formerly Chief of Laboratories.

of public health work, including motion pictures, models, child hygiene, tuberculosis, venereal disease, sanitary engineering, etc. The exhibit has been shown in almost all parts of the province accessible by rail, and forms a splendid feature at the great exhibition held for two weeks each year in Toronto. This year we added a "Child Welfare Special," of which greater details are given in the remarks upon maternal and child welfare.

The following remarks from one of our Toronto papers indicate public opinion regarding the exhibit:—

"The stress being put on the importance of health by the Drury Government is much to the credit of the Administration. Whether the Provincial Health Officer, Dr. McCullough, is being given a freer hand by Hon. Walter Rollo, the Minister of Labour and Health, than he had under previous Ministers, or there is some other explanation, the fact is that between them the province is taking greater strides towards improving conditions throughout its bounds. The exhibit of the Health Board at the Canadian National Exhibition affords tangible evidence of the enterprise of the authorities.

"Among the exhibits is a splendid large motor car that is to provide travelling clinics in the rural districts. Municipalities wishing to have demonstration in ways and means of improving the health of their communities are invited to list themselves for that purpose.

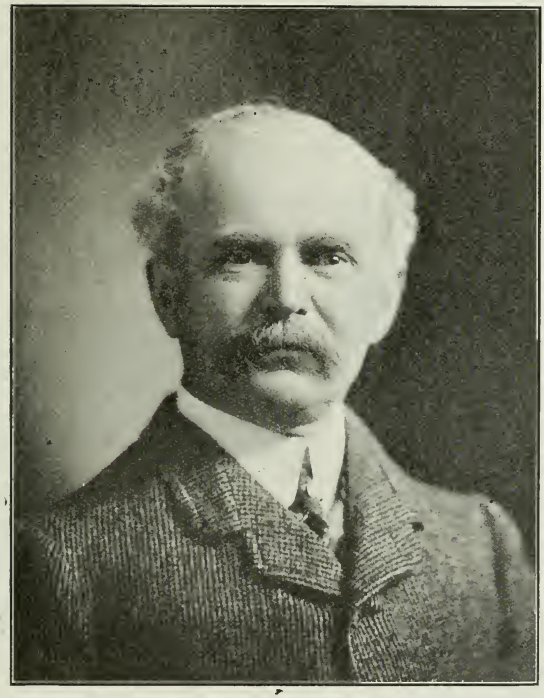
"Another feature of the exhibit is made up of sample meals for children at various ages, and the preparation of menus giving milk and fruit a prominent place. At certain hours of the day, talks are given to the children visiting the Fair by their friend, the community nurse.

"One more evidence of the increased activity of the provincial authorities is the appointment of a Director of Public Health Education."

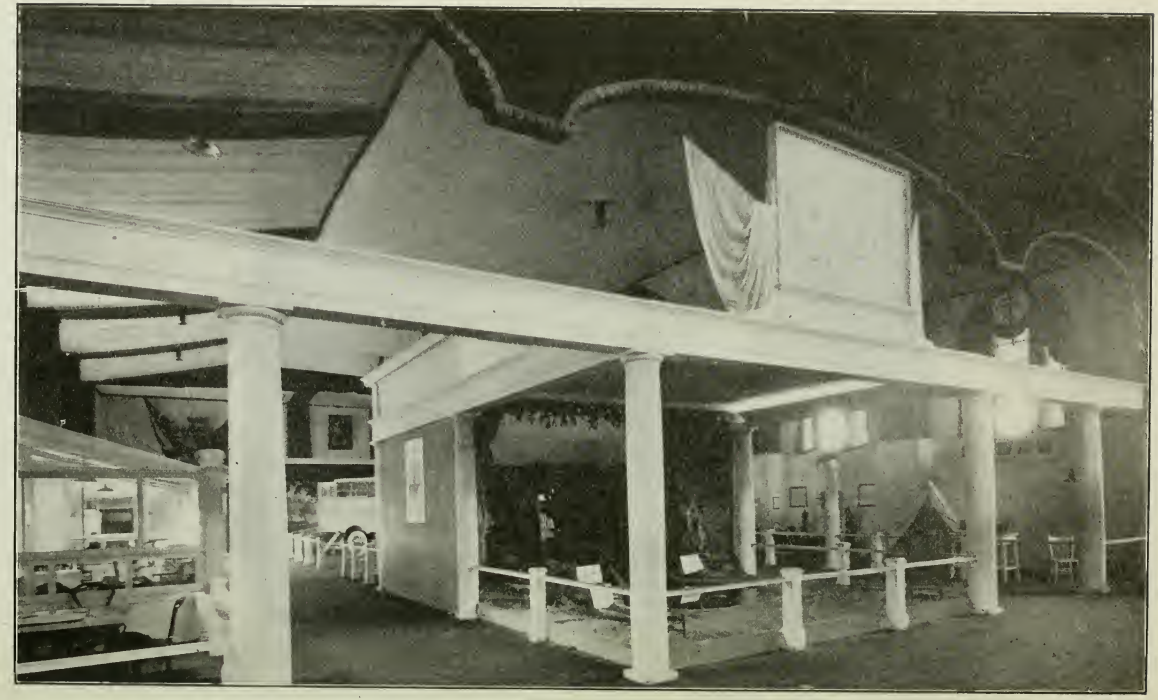
Division of Sanitary Engineering.

Nothing of a sanitary nature is more conducive to health and comfort than good water and satisfactory sewerage facilities. The early members of the Board were, fortunately, alive to the necessity of gaining control by legislation of the lavish natural water supplies of Ontario. In brief this legislation provides severe penalties against the pollution of lakes and streams, and places under the control of the Board the installation of water and sewerage works.

The plans and specifications of all water and sewerage works come before the Board for approval, without which such works cannot be financed. For the protection of the public health the Board may order the construction of filtration plants, sewage disposal works, improvements in construction, etc.



Adam H. Wright, B.A., M.D., M.R.C.S., Eng.,
Chairman, 1906 to the present.



Public Health Exhibit—Canadian National Exhibition, 1920.

For many years the Board has encouraged the construction of water purification works, and the establishment of the most modern means of sewage disposal. Meticulous attention has been paid to the preservation in their pristine purity of our lakes and rivers. In 1910 there were ten water purification plants in Ontario. In 1920 these had increased to the extent that 42 per cent. of public water supplies are now protected by filtration works, and 82 per cent. are protected by chlorination. The supervision of the water stretches in the Muskoka districts, among the Kawartha Lakes, and other summer resorts has had our constant attention.

The sanitary engineering service has been carried on under a competent engineer since 1911. It has this year been established as a Division, which has supervision of the Experimental Plant already referred to. F. A. Dallyn, C.E., has charge of this Division.

One of the most important pieces of work undertaken by this service was the sanitary investigation of the international waters. This was carried on during the season of 1912-1913 for the International Joint Commission, in association with engineers and chemists of the United States Public Health Service, the Superior Board of Health of Quebec, and the State Boards of Health of New York and Michigan. All the waters from the Lake of the Woods to Cornwall on the St. Lawrence were thoroughly examined by the joint service. The results are tabulated in a voluminous report issued by the Commission. This report, as well as further studies in relation to sewage pollution of water, form the basis of a plan for the care of the sewage of certain large urban centres on the international waterways lying between the United States and Canada. Each season the Board employs a number of engineers in making sanitary surveys throughout Ontario. Arrangements have been made with the University of Toronto for the training of a number of young graduates in sanitary engineering. In order to note public appreciation of the service of the Division, the following article from one of our metropolitan dailies may with propriety be quoted:—

"Ontario has good reason to be pleased with the advances that have been made in ten years to insure pure water for domestic use from municipal waterworks systems. The broad statement that pure water is essential to good health does not express the full meaning. Prior to the development of the science of bacteriology the association of water with enteric diseases was largely conjecture from coincidences of the prevalence of the disease and the use of water from a particular source. Recent investigations have suggested that diseases other than typhoid are associated with water impurity, and that a reduction in the typhoid rate means improvement in the general mortality rate.

"A movement for the improvement of water supplies in the United States and Canada naturally followed laboratory findings.

but was handicapped by an uninformed public. The Province of Ontario was affected by the prevalence of the disease in the State of New York, the States of the Middle West, and the flow of population across the boundary. Improved legislation was granted the Provincial Board of Health in 1912, and a renewed effect to improve existing water supplies was undertaken. What has been accomplished places Ontario in a leading position so far as typhoid reduction is concerned. With a mortality from this disease in 1919 of only 5.2 per 100,000 of population, as compared with 31.5 ten years ago, Ontario may be said to be making big strides in sanitation."

Division of Venereal Diseases.

Previous to the war the problem of the control of syphilis and gonorrhœa had received little attention in Canada. No part of Canada had any legislation bearing on this subject. Conditions in the army focussed public attention upon the question, and there was some discussion in the press as to whether or not the soldiers sent overseas were being sufficiently protected against the venereal evil. It soon became apparent that the measures of control adopted in the army were of greater value than those in effect among the civil population. Enlistments showed that, proportionately, there was more veneral disease in the civil population than in the army. In September, 1916, out of nearly 42,000 Canadian troops in Great Britain there were 960 venereal disease cases. During the month of September, 1918, of 110,000 Canadians in Great Britain there were but 750 cases, a reduction in the admissions during this interval of 66 per cent. The evidence of effective measures used in the army, the report of the Sydenham Royal Commission in England, and the efforts of an Honorary Advisory Committee in Military District No. 2, and of the Toronto Academy of Medicine influenced the Ontario Government to appoint the Hon. Mr. Justice Hodgins as a Royal Commission of Investigation in 1917. The result of the report of this commission was that in the Session of 1918 the Government passed the Venereal Diseases Prevention Act, the earliest comprehensive legislation of the kind in Canada. In the summer of 1917 the Committee referred to, associated with the Provincial Board of Health of Ontario, had taken up with the Dominion Government the question of issuing a license to the Board to produce an arsphenamine product under the War Measures Act in order to reduce to reasonable proportions the cost of this remedy. This license was granted in March, 1920, and our product (which we have named Phenarsenamine) is now in use in our clinics and Board of Health. With the assistance of the public health officers of other provinces of Canada, and of social workers interested in the question of venereal disease, pressure was brought by the Board to bear on the Dominion Government to give financial aid to the provinces in the care of venereal cases,

Public Health Exhibit--Canadian National Exhibition, 1920.

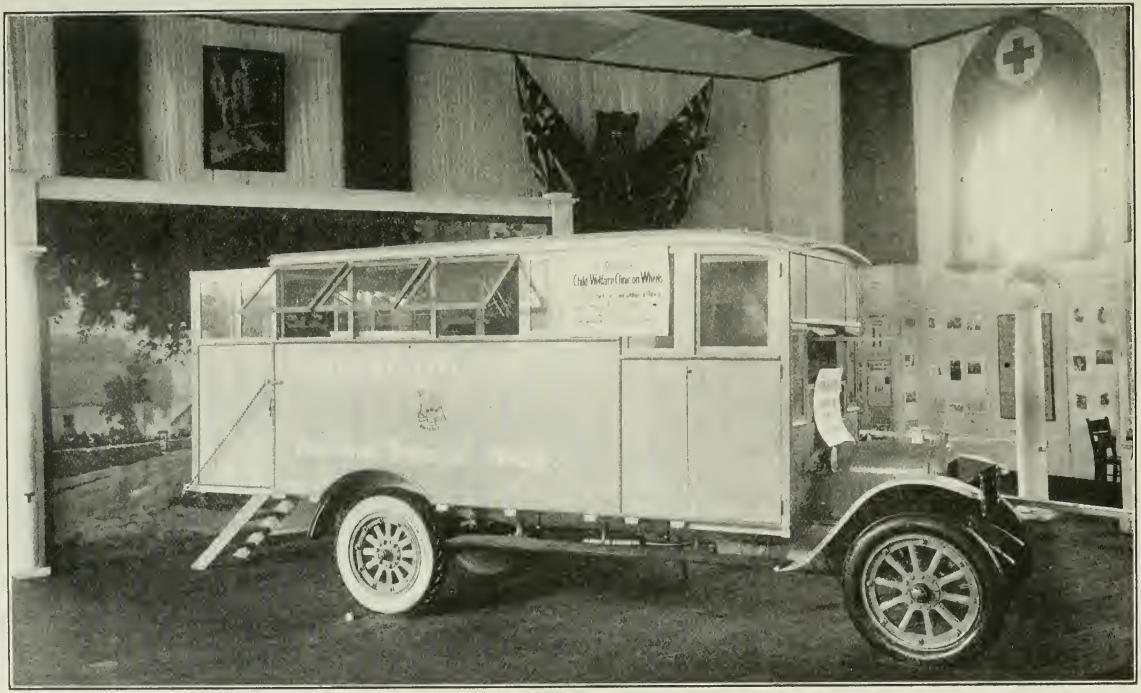
and at the recent session of Parliament the sum of $200,000 was voted for this purpose. This money is to be distributed to the provinces in proportion to population on condition that an equal amount is voted by the several provinces. In the present year Ontario voted $115,000 for venereal disease work, a Division of Venereal Disease was formed, and ten clinics have been established. Our plan of procedure in forming clinics is as follows:— To a hospital or Board of Health we offer a grant of $1,000.00 for the equipment of a clinic; $500.00 annually towards the expense of a social worker, and $500.00 annually towards the pay of the specialist in charge of a clinic. For treatments we pay fifty cents each in case of either gonorrhœa or syphilis, and in case of bed patients twenty-five cents additional. We also furnish standard history sheets and report forms, and free Phenarsenamine. A strong National Council for combating venereal disease along the lines of that established in England has been formed with the Hon. Mr. Justice Riddell, a broad-minded Canadian as the President. The Board appreciates the assistance already afforded by this organization. The indefatigable Secretary, Dr. Gordon Bates, possesses the energy of several persons, and is an active worker in promoting everything likely to assist in curbing the ravages of venereal disease.

As in respect to all other phases of public health work the Board has strong views on the value of education in venereal disease work. A number of excellently written booklets on various phases of the subject have been prepared, and in addition a little volume entitled "To-day's World Problem in Disease Prevention," donated by Dr. John A. Stokes, of Rochester, Minn., U.S.A., has been widely circulated among the medical profession. We are happy in having the co-operation of the various medical societies of Ontario, and plans are under way for lectures and the presentation of motion pictures at society meetings. Dr. R. Roy McClenahan has charge of this Division.

Division of Industrial Hygiene.

This is one of the newest of the Board's activities. Ontario, while in the main devoted to agriculture, is rapidly becoming, particularly in certain localities, a great industrial centre. We have extensive timber areas, our mining resources, notably in iron, silver, gold and copper, are of enormous extent. Our nickel mines are probably the largest known. The development of cheap electricity from the utilization of our immense water powers has stimulated industrial growth, particularly in Toronto, Hamilton and places in the Niagara Peninsula. Milling, pulp, paper and agricultural implement manufacture, etc., give employment to a large proportion of our population.

For these reasons it became evident that attention should be given to maintaining safe sanitary conditions for the employees,



Baby Clinic on Wheels —Canadian National Exhibition, 1920.

the prevention of occupational diseases, and to afford information to employers of labor respecting the sanitary conditions arising in connection with their works.

A division of Industrial Hygiene was established this year, and the Director and his assistants are formulating plans designed to form a basis for future development. The legislation upon the subject of health in relation to labour, for Great Britain, the United States and Canada, has been compiled and published. Steps are being taken to collect a reference library on this subject. Studies are being made of the work of this character established in Great Britain and other countries. The subject is one of extensive scope, and future reports will probably record wide development in this field of work. J. Grant Cunningham, B.A., M.B., D.P.H., is the Director of this Division.

Tuberculosis.

The campaign against tuberculosis has received invaluable assistance from various municipalities, such as Toronto, Hamilton and Kitchener, from voluntary societies, such as the National Sanatarium Association, from the Health Associations of Ottawa, Hamilton, London, Peterboro, Essex, St. Catharines, the Heather Club and the Children's Preventorium, the latter two being under the control of the Daughters of the Empire. Excellent educational work has been done by the Canadian Association for the Prevention of Tuberculosis, through their indefatigable Secretary, Dr. Geo. D. Porter. The number of sanatoria has increased in the decade from ten to twenty-five, the accommodation having grown from 615 to upwards of 2,000 beds. The Ontario Government provides an amount up to $4,000 towards the erection of a sanatorium in a county or group of counties, and 75 cents per day for each patient under treatment. The annual grants have risen in the ten years from $26,073 to $279,049.22. The spread of the policy of milk pasteurization has materially helped to prevent the incidence of glandular, bone and joint tuberculosis, which are regarded as being largely of the bovine type. While army experience seems to have shown that the stress of war conditions greatly excited latent tuberculosis among the soldiers, it is gratifying to note that the reduction in the mortality of this disease among our people during the period is a substantial one, the mortality rate having dropped from 102 to 78 per 100,000 of the population. There are certain diseases, and tuberculosis is one of them, in the prevention of which the Dominion Government should lend greater assistance to the provinces. The entire cost of the tuberculosis work in Canada, with the exception of the $10,000 voted to the Canadian Association, is borne by the provincial Governments. The prevention of this disease is a national question, which can only be solved by the earnest support of the whole country. The notification of tuberculosis was established by law in 1912.

Cancer.

It would be gratifying if the story in reference to cancer were as bright as that of tuberculosis. The facts in respect to cancer are, indeed, serious. Leaving out the consideration that the apparent increase may be accounted for to some extent by the improvement in diagnosis and more satisfactory death records, the fact remains that the mortality, accounting to statistical reports, has grown in the ten years from 65 to 77 per 100,000 of population. Hoffman, who has made an extensive study of this subject, points out that his investigations prove that cancer is increasing, and that it is a real menace to all civilized mankind. The figures show that upwards of 80,000 persons annually die of cancer in the United States. Taking the mortality for Ontario as a basis it is probable that the number of deaths yearly in Canada would be not less than 7,000. Cancer comes fourth in our table of mortality. At ages over forty it kills one in eight among women and one in fourteen among men. It is a disease of adult life, and at ages over forty is more destructive of life than either tuberculosis or pneumonia. Its insidious onset often occurs at the most useful period of life, when the father and mother are of the greatest service to society. It occurs when the man and woman, from their industry and thrift, might otherwise have had years of ease and comfort before them. Discovered in the earliest stages it is usually readily cured. Once established, the future is hopeless.

The laity know almost nothing about cancer; the medical profession knows little enough. The chief hope of controlling the disease seems to lie in a well-planned campaign of public education, embracing facts such as the following:—

1. That cancer in the early stages gives rise to no pain or symptoms of ill-health.

(2) That the early signs are:

Any lump or mass in a woman's breast after forty.

Any bleeding, however trivial, after the change of life.

Any wart or sore on the lower lip of a man forty-five years of age.

Any sore on the tongue of a man of forty-five years.

Any bleeding from the bowel in a man or woman after forty years.

(3) It should be pointed out that warts, moles or growths on the skin liable to irritation should be removed and that irritation of the tongue and cheeks by jagged teeth, or of the lower lip by clay pipes, etc., should be avoided.

Influenza.

There was a widespread and virulent epidemic of influenza in the autumn of 1918 and early winter of 1919. The same affection prevailed to a lesser degree during the corresponding seasons of 1919-20. Not since 1889-90 had this affection appeared in epidemic form. It spread from Europe and became general all over this continent. The mortality, due chiefly to the accompanying broncho-pneumonia, was exceedingly high. In the 1918-19 period there were upwards of 10,000 deaths. In 1920 there were 24,284 cases reported with 2,411 deaths from influenza and pneumonia, and 3,482 deaths from acute primary pneumonia. Contrary to the rule of thirty years ago, when the very young and the aged suffered most, the severest results were seen in young adults. No specific form of treatment beyond early taking to bed be appeared to be of any great value in the disease.

The recent report by the Minister of Health of Great Britain indicates that the cause of the epidemic is unknown. In a few months it was the cause of death in Europe and Asia alone of more persons than fell during the whole course of the Great War. The total deaths in England and Wales reached the number of 151,466. Much resulting loss of vitality is found in those who have recovered from the actual disease. The mortality is shown to have been the greatest, as might be expected, in crowded and insanitary districts. All competent observers are agreed that Pfeiffer's bacillus is associated with influenza, but is it not regarded as the actual case. The report states:—

"The generation of a great pestilence, such as influenza or pneumonic plague, is dependent upon disturbance of social order, involving for large numbers of human beings the endurance of conditions of insalubrity, which afford for invading parasites a suitable field of modification. No impartial spectator can doubt that at the present time, and almost certainly for a generation to come, there will exist in many nations and over wide tracks of country precisely the type of misery which we suspect to be the appropriate forcing house of a virulent and dispersive germ."

Thus it will appear that an underfed people will continue to be more liable to outbreaks of this nature. In this country, where the means of sustenance, expensive as they are, are readily obtainable, we may expect to suffer less. The report emphasizes the necessity of avoiding overcrowding for the reason that the disease is transmitted in coughing and talking in the form of a fine spray and through dust and unclean hands. This is an additional reason for better housing and transportation conditions.

Infantile Paralysis.

It is painful to see walking about our streets unfortunate children and adults, one or more of whose limbs are deformed, and in consequence the whole body deranged by neglect in the treatment of infantile paralysis. This disease is a dangerously infective one. The family involved should be placed in quarantine, and the healthy children protected against infection as they are in, say, diphtheria or scarlet fever. The early treatment is usually in the hands of the family doctor. In order to lessen or prevent deformity the treatment requires *complete and absolute rest of the nerves and muscles.* No matter whether pain is present or not the head and spine should be at rest just as if an inflamed area were under treatment. If the muscles are sore, as will be indicated by pain on movement, no movement should be allowed. A sore muscle in such cases means an inflamed spinal cord and pressure upon nerve cells, which will subside in most cases if rest is enjoined. The family doctor may materially shorten the course of the disease and prevent infection by early rest and isolation of the patient. The risk of paralysis and future deformity can be greatly lessened by recognizing as a principle that the paralysed muscle must not be allowed to stretch. After the acute stage has been treated by rest, *without* the use of electricity, massage, or mechanical contrivance, any remaining paralysis may be limited by placing the treatment in the hands of a well-qualified orthopædic surgeon. But it is absolutely essential that *rest,* and rest only, is the only means of preventing future deformity and disability.

The Communicable Diseases.

The common communicable (contagious) diseases, such as diphtheria, measles, whooping cough, scarlet fever, tonsillitis, mumps, etc., are regarded all too lightly by most people. The same is true of the "growing pains" of children. They are all infectious processes, and are at the bottom of many of the gravest disease of after life. For example, organic heart disease, one of the four great groups of disease causing our highest death rate, frequently may be traced to an attack of tonsillitis or "growing pains," the latter of which is the so-called rheumatism of childhood; attacks of scarlet fever, so mild as to show little or no rash and the slightest signs of illness in children, are frequently neglected, suffered to mingle at school or elsewhere with well children, and thus spread a virulent type of infection. These mild, and consequently neglected cases of scarlet fever are often the forerunner of grave kidney disease or of convulsions in pregnant women. Many parents think it advisable to allow their children to contract measles, whooping cough, etc., with impunity, ignorant of the danger of resulting lung disease.

Practically all the affections just named are more dangerous and more difficult of prevention than smallpox. Their immediate death rate (in this country) and the after-effects are infinitely greater than those of smallpox. Every reasonable means should be taken to protect children against every variety of infection.

The Federal Department of Health.

In 1919 a new and important chapter in the public health history of Canada was begun by the inauguration of a Federal Department of Health with a former official of the Provincial Board, Dr. John A. Amyot, C.M.G., as Deputy Minister. The plan of organization includes a Dominion Council of Health. The provinces are represented on the Council by their respective executive officers, and there are five additional members representing agricultural, labour, women's and public health educational interests. The scope of the new department embraces a wide range of subjects, not ordinarily within the control of the provinces. It is the intention to develop research laboratories. Undoubtedly the formation of the department will be of great value in the promotion of public health.

For upwards of half a century (1865-1920) previous to the formation of this Department the public health work of Canada had been carried on almost single-handed by the Director-General, Dr. Frederick Montizambert, C.M.G. Under his direction the quarantine and marine hospital service of both coasts and at Grosse Ile in the St. Lawrence was developed. The figure of this courtly gentleman has been conspicuous at the public health gatherings of North America since their earliest days. He has been President of both the American and Canadian Public Health Associations, and to his energy and ability much of the progress of public health work on this continent must be ascribed. The younger generations of us owe much to the fine public spirit, the wise counsel and the friendship of the Director-General who has just retired from the service. Dr. Montizambert is a notable example of the public servant found all over the British Empire, whose greatest reward is commonly to be found at the end of his career in a sense of duty well done.

The Canadian Public Health Association was organized in 1911 when the first meeting was held in Montreal under the patronage of His Royal Highness the Duke of Connaught, Governor-General of Canada. The Association has managed, despite the difficulties of war and the lack of financial resources, to have a meeting each year since that date. Its further prospects are bright, the membership is enthusiastic and increasing in numbers, and its objects, the welfare of preventive medicine in Canada, deserves success.

Each of the provinces has now a well-organized public health

department fully capable of dealing with sanitary problems of every description.

Medical and Dental Inspection of Schools.

Adequate medical and dental inspection of schools is of the greatest importance from a public health point of view. In the absence of such inspection the future life of thousands of school children is handicapped by the fact that these children may be ill-nourished, suffering from decayed teeth, bad eyesight or defective hearing, etc. The school is the breeding ground for communicable diseases of all kinds. Many school premises, particularly in country districts, are insanitary, the closets are out of doors and filthy, the water supplies lacking or unfit for use. Often no facilities are provided for the washing of hands, and in consequence lunches have to be eaten from dirty hands, a ready means of conveying infection. Medical inspection of schools in Ontario, except in cities of 200,000 and over, is under the control of the Department of Education and of local Boards of Education. Medical opinion is strongly of the view that all public health activities are more efficiently and economically managed under the Health Department. In some countries—England for example—the public view is the same, and in that country medical inspection, after a long period under the Education Department, has within the last two years been transferred to the Ministry of Health.

Ten years ago the annual amount spent on public health and vital statistics was under $50,000. In the present year the appropriations for these purposes are approximately $550,000.

The foregoing pages briefly tell the story of public health progress since the earliest days of Ontario. Fair advancement has been made, particularly in recent years. Good laws have been enacted, and considerable appropriations voted. Much, however, remains to be done before our public health conditions can be considered satisfactory. The greatest necessity is the education of the public in the value of preventive measures. Municipalities are called upon to spend large sums from year to year in curbing outbreaks of smallpox, the need for which would immediately disappear if people would take the precaution to be vaccinated and to have their children vaccinated in infancy and at the end of seven years. The mortality from diphtheria has been greatly reduced by the use of diphtheria antitoxin. Not only this mortality, but the incidence of the disease would rapidly disappear if antitoxin were used at the onset of each case and in those exposed to the disease.

Ninety per cent. of our medical officers of health are part-time officers, and poorly paid at that. The public must learn that prevention of disease is purchasable and that, like every-

thing else, cheap service is generally the dearest in the long run. It cannot be expected that a busy medical man who is paid little or nothing for his services as medical officer of health, will risk treading on the toes of his patrons by enforcing laws and regulations, which are often regarded by the latter as an interference with their freedom. It is a case of serving two masters, his own interest or that of the municipality, which the Divine word declares impossible.

Prevention of disease is by far the greatest field of modern medicine. It is not only the most economical, but the most reasonable, successful and satisfactory plan of procedure in respect to disease. To be effective it is essential to have an educated public and a highly refined and educated profession of medicine. All the insidious attempts to foist upon the public untrained practitioners of medicine of every description are a fraud upon our people and a menace to the State. It is the paramount duty of every government to protect the health of its citizens. In order to carry this duty into effect medical education should be fostered in every way, money voted with a free hand for public health measures and education, and medical quackery suppressed in the most vigorous manner.

In concluding this review the writer desires to express his appreciation of the hearty co-operation of every member of his staff, of the chairman and members of the Board, of the medical societies and individual members of the medical profession, to many of whom he is indebted for friendly counsel, and to the various Ministers of the Government under whom he has had the honour to serve.

CONTROL OF MILK SUPPLY

The control of the milk supply for any municipality is almost as important as the control of the water supply.

During the year an inquiry was sent to all the urban municipalities asking for information about the milk supply, whether it was pasteurized, the number of dealers, etc. The returns show that with respect to our cities practically every dealer has one or more pasteurizing plants and that in many municipalities all the milk is pasteurized or handled under similar conditions as for certified milk.

Every municipality should have a milk by-law, including provision for pasteurization. The need of milk by-laws is apparent as one realizes how extremely difficult it is to supervise the handling of the milk from the dairy herd to the municipal dealers, no matter how often the inspector may visit the farmers' premises. Unless the dairyman uses clean methods, the handling of the milk will introduce objectionable dirt and disease, such as tuberculosis. The supply can, however, be protected by pasteurization, which is a process of heating the milk to a temperature that kills all the objectionable bacteria, and the milk if then cooled and bottled remains free of disease and keeps longer. Many of the big distributors pasteurize for no other reason than because it helps to preserve the milk during the summer.

MILK REPORTS FOR MUNICIPALITIES IN ONTARIO

Cities, Towns, &c.	County	Population Total Year	No of Milk By-Law	Percentage Pasteurized 1920	No. of Pasteurization Plants	No. of Licensed Vendors	Amt. spent Enforcing By-Law
Belleville	Hastings	12,240 1920	922	25	1	5	$ 50.00
Brantford	Brant	32,159 "	1,559	88	5	9	1,500.00
Chatham	Kent	15,182 "	608	33	2	6	L.B. of H.
Fort William	Thunder Bay	19,886 "	1,413	....	3	13	Do
Galt	Waterloo	12,434 "	1,163	100	3	3	Do
Guelph	Wellington	17,032 "	1,112	60	1	21	$ 65.00
Hamilton	Wentworth	108,143 "	1,192	95	15	22	1 Insp.& Asst
Kingston	Frontenac	23,261 "	33	0	0	73	$ 1,200.00
Kitchener	Waterloo	21,056 "	.....	75	3	9	.....
London	Middlesex	59,100 "	4,104	50	2	96	$ 1,400.00
Niagara Falls	Welland	14,207 "	99	80	2	6	500.00
Ottawa	Carleton	107,732 "	4,418	95	3	8	4,800.00
Peterborough	Peterborough	21,230 "	1,795	50	1	73	L.B of H.
Port Arthur	Thunder Bay	15,094 "	451	10	2	32	.....
St. Catharines	Lincoln	19,195 "	2,474	50	1	20	$ 200.00
St. Thomas	Elgin	17,759 "	2,347	21	1	25	17.40
Sarnia	Lambton	12,649 "	402	61	1	13	500.00
Sault Ste. Marie	Algoma	21,095 "	926	70	1	12	.....
Stratford	Perth	18,106 "	1,822	50	2	9	.....
Toronto	York	499,278 "	5,791	99.66 + .34 certified	62	62	19,285.62
Windsor	Essex	31,629 "	1,899	50	4	150	1,500.00
Woodstock	Oxford	10,126 "	572	95	1	3	50.00

REPORT OF DIVISION OF VENEREAL DISEASE TO DEC. 31 1920

To the Provincial Board of Health.

I have the honour to submit the following report of the Division of Venereal Diseases for the year ending December 31st, 1920.

In the latter part of 1919, systematic treatment and examinations of the prisoners of the Mercer Reformatory and the Burwash Industrial Farm was begun.

During the past year a Division of Venereal Diseases was established and a definite effort has been made to check the spread of Venereal Diseases.

As the work of the Division increased, the personnel increased. The Division now has three physicians, one Social Service Nurse and one stenographer as a staff.

The amount of money voted by the Provincial Government for V. D. work was $115,000 of which $57,473.68 was advanced by the Dominion Government.

The work of the Division naturally fell into two sections:

1. Diagnosis and treatment.
2. Education of various branches of the public.

The Division first determined to work out an efficient scheme of diagnosis and treatment for all those infected, believing that the educational part of the work would proceed more rapidly if definite centres for diagnosis and treatment were available.

1. (a) *Diagnosis:*

There are four Provincial Laboratories where Wassermanns, dark field examinations for spirochaetes, and examinations of smears for gonococci are carried out free of charge. These laboratories are located at Toronto, London, Kingston and Fort William. Two new laboratories will shortly be in operation at North Bay and Sault Ste. Marie.

(b) *Treatment:*

(1) *Phenarsenamine—*

There was a serious need of arsenical products at a reasonable price, so after a great deal of difficulty, the Provincial Board of Health obtained a limited license to manufacture Phenarsenamine (corresponding to 606) and to supply it to local Medical Officers of Health, venereal disease clinics, hospitals and institutions for the free treatment of patients unable to pay. This partial license has been a great help in the V. D. campaign and it is hoped that the terms of the license may be extended during the present year. Phenarsenamine is also being sold at a very low price by the Provincial Board to other Provinces.

(2) *Free Venereal Disease Clinics—*

The following proposition has been placed before the local Boards of Health and the hospitals of the larger cities:—

Special Treatment Clinics

It is the intention of the Provincial Board of Health to assist local Boards of Health to establish special clinics for the treatment of venereal diseases. The Board feels that the choice of a site for the special clinic or clinics in the various municipalities should be left to a certain extent in the hands of the local authorities who understand local conditions. The Board would suggest, however, that where facilities already exist as in the case of hospitals, etc., other things being equal, these facilities should be used. The Board will afford the following assistance to each clinic established.

(1). For the purchase of furnishings and apparatus for a special clinic, $1,000.

(It is thought that the cost of the apparatus and furnishings as per Schedule A, will not exceed this amount).

Where a clinic is already in existence and up to the standard (see Schedule A) the same financial assistance will be given.

(2) Towards payment of a social worker, $500 yearly.

(3) For each out-patient treatment for gonorrhea, 50c. For each out-patient treatment for syphilis, 50c. (No more than one treatment each day will be paid for). For each out-patient treatment for syphilis in addition, free "Salvarsan" will be provided—as soon as the Board is in a position to furnish its own product.

(4) In the case of patients treated in the hospitals the sum of 25c in addition to the foregoing grants will be paid to the hospital for each day of indoor treatment up to three months, at the end of which time the indoor grant will cease.

(5) Standard record forms for the use of these special clinics will be supplied by the Board.

(6) $500 yearly to physician in charge of clinic.

In return for this assistance the Board will require that the clinic be kept up to a certain standard as follows:

(1) The special clinic shall be for the treatment of Venereal diseases.

(2) The apparatus and furnishings for the clinic shall be as follows:— (see Schedule A).

(3) The personnel of the clinic shall be:

(a) One specialist in venereal diseases, who shall be appointed by the hospital if the clinic is in connection with a hospital, and by the local Board of Health in other cases. This officer must also be satisfactory to the Provincial Board.

(b) Such Medical assistants as may be necessary shall be appointed on the same basis.

(c) One full time social worker who shall be a graduate nurse.

(d) One clerk, if the clinic is treating more than forty cases per week.

(e) One male orderly.

(f) If possible, one under graduate nurse to assist in the clinic.

(4) All treatment in the clinic shall be free.

(5) At least one night and two day clinics shall be held per week. (This may be modified on agreement).

(6) Separate hours shall be set aside for men and women in the clinic; also if possible, separate hours for the treatment of gonorrhea and syphilis.

(7) Weekly reports will be required on forms supplied by the Board.

(8) The clinic, including its records, apparatus, method of treatment, etc., shall be open to inspection by the Board.

(9) The municipality will be expected to advance an amount for upkeep of the clinic or clinics which shall be approximately equal to the amount advanced by the Board. (See Section 14, SS 1 and 2. Venereal Diseases Prevention Act).

(10) The social service nurse shall follow up cases outside the clinic to see that all patients continue treatment and also that any possible contacts are examined.

(11) Accounts should be rendered at the end of the month and will be paid on the Board's certificate.

(12) The Board reserves the right to modify these rules if such should, in the interest of the clinic, be deemed necessary.

Local Boards of Health and hospitals desiring to take advantage of this offer are requested to fill out and return the accompanying application form to the Board.

Several cities have taken advantage of the offer, and the following clinics have been established and are now functioning:—

(1) Toronto General Hospital, Toronto.
(2) Hospital for Sick Children, Toronto.
(3) Grace Hospital, Toronto.
(4) Women's College Hospital, Toronto.
(5) St. Michael's Hospital, Toronto.
(6) Western Hospital, Toronto.
(7) Victoria Hospital, London.
(8) Hamilton General Hospital, Hamilton.
(9) Essex Border Municipalities Board of Health, Windsor.

At the clinics patients unable to pay for their treatment receive treatment and advce free of charge. These clinics are already catering to a very large number of patients and are all growing rapidly. Several other cities are considering the establishment of V. D. clinics and there will undoubtedly be several others opened very shortly.

(3) *Treatment in Rural Centres.*

In the towns, villages and townships, V. D. clinics were not thought advisable on account of the necessary publicity that would result. In order to carry out the treatment of patient unable to pay their own physicians, a scheme was devised by means of which a specialist from the Department proceeds to a municipality on request of the local Medical Officer of Health and supplies apparatus and Phenarsenamine for treating a syphilitic case. This specialist gives the first treatment and leaves the apparatus and Phenarsenamine for a local physician to carry on the treatment. In this way besides treating the case, the medical men are being educated in the latest methods of treating venereal diseases. A great number of trips have been made during the past year and over 40 sets of apparatus are at present being used in the smaller centres. The necessary distilled water and sodium hydroxide is being sent out weekly by the Laboratory in Toronto if required and the entire scheme is much appreciated by medical men in these centres.

(4) *Treatment in Institutions.*

The diagnosis and treatment of Venereal Diseases in Government institutions has been a very important part of the work. Treatment at the Industrial Farm, Burwash, Fort William Industrial Farm and the Mercer Reformatory has been carried out by the specialists of the

Division with excellent results. The treatment in several of the jails and in the Toronto Jail Farm has been supervised. The specialists of the Board have visited almost all of the Ontario Hospitals to point out the latest methods of treatment and to supply the hospitals with Phenarsenamine and the necessary apparatus for the treatment of syphilitics.

2. *Education:*

(a) Literature for various classes of the public has been printed and supplied on request or through the local Medical Officers of Health, V. D. clinics or voluntary organizations. In this way the dangers of Venereal Disease have been pointed out to many people. Further literature is issued from time to time when considered necessary or advisable.

The following pamphlets are printed and available on request:—

V. D. 1—Facts on Venereal Disease—General.
V. D. 2—Facts for young men.
V. D. 5—Facts for girls and young women.
V. D. 9—Short Description of Venereal Diseases.
V. D. 10—Instructions to Those Having Venereal Disease.

A small booklet by Dr. J. H. Stokes, of the Mayo Clinic, Rochester, has been supplied, free of charge, to all physicians in Ontario. This is a very excellent book and has excited a great deal of favorable interest and criticism among the medical profession.

Circular letters have been written from time to time to physicians, druggists and other groups as required.

Circular letters to physicians have included those concerning the reporting of venereal diseases, venereal disease treatment, treatment of free patients unable to pay, methods of administration of Salvarsan, and so on.

Films on the latest methods of treatment of gonorrhea and syphilis have been purchased and are being shown to physicians. Films on the dangers of Venereal Diseases have been shown in Ontario with the approval of the Provincial Board of Health with very good results. There are now films available for use in Ontario for general information if requests are made for them. Lecturers and speakers on venereal diseases are furnished on request. Slides depicting some of the dangers of venereal diseases are also available.

A very interesting exhibit along V. D. lines was held in the Provincial Board of Health Exhibit at the Toronto Exhibition. An attractoscope with slides, posters and pamphlets were used and excited much favorable comment.

(*b*) *Social Service Nurse:*

A Social Service Nurse has been secured whose duty is to inquire into the social history of inmates who are suffering from Venereal Disease in Government institutions. She also supervises the work of the Social Service Nurses in the various free clinics. She works in co-operation with the Ontario Hospitals in following contacts of cases of syphilis amd gonorrhea admitted to these institutions. She is available for lectures to women's organizations and general educational work along V. D. lines in any community in Ontario. She has been able to collect a great amount of information bearing on the whole venereal disease situation.

The whole aim of the Division is to provide adequate treatment for all patients infected with Venereal Disease, to see that any person infected takes the necessary treatment, to point out the dangers of neglect of treatment in those infected and to disseminate information on how infection may be avoided. Successful results will not be attained quickly or without effort and the co-operation of everyone is earnestly desired in order that the spread of gonorrhea and syphilis may be checked.

R. R. McCLENAHAN, M.B.,
Director, Division of Venereal Diseases.

DIVISION OF INDUSTRIAL HYGIENE

ANNUAL REPORT

Nearly six months has elapsed since the inception of the Division of Industrial Hygiene. A plan of organization has been evolved, based on experience of similar activities in England and the United States, and adapted to meet local conditions as indicated by knowledge previously acquired in the course of a representative survey of industrial health conditions in Toronto in 1919 and the early part of 1920. It is considered that detailed information regarding industrial health in Ontario is a necessary preliminary to determination of the problems requiring special investigation. The results of such investigations should indicate the presence or otherwise of suspected hazards, and, when such exist, adequate means for prevention.

To avoid repetition of work of this nature which has already been conducted in other places, and for the convenient use of assistance which may be available for this work, a detailed index of the literature on the subject has been prepared and is kept up-to-date. A compilation of all the industrial health legislation of Canada, Great Britain, and the United States has been made. Abstracts of literature dealing with certain selected industries as to processes, industrial health hazards and means of prevention have been completed.

In order that an effective educational program may be commenced, an attempt has been made to determine the primary cause of certain industrial hazards known to exist, which point to misinformation on the part of employers rather than lack of desire to eliminate such hazards. Such a program should reach employer and employee alike.

The need for close co-operation with the Factory Inspection Division of the Department of Labour which deals with sanitation and accident prevention aspects of industrial hygiene is already apparent. The information acquired by factory inspectors over a period of years should be of considerable value in furthering other aspects of this subject.

At the moment, arrangements have been made with the Pharmacological Department of the University of Toronto, through Dr. Henderson, for an investigation to determine the health hazard involved in the use of the spraying machine for applying paint, varnish, etc.

All of which is respectfully submitted.

J. G. Cunningham B.A., M.B., D.P.H.

Director, Division of Industrial Hygiene

DIVISION OF PUBLIC HEALTH EDUCATION

Annual Report, January 1st, 1921

The establishment of the Division of Public Health Education, in September 1920, marked one of the Provincial Board's forward steps in Public Health activity in this Province.

On being appointed Director of this Division, I had no local precedent for the intensive work to be carried on, so outlined plans of procedure following Departmental Instructions and after observing Public Health Educational methods adopted in the United States and England.

Realizing the importance of the country newspaper as a medium for diffusing information of this kind, arrangements were made with the Wilson Publishing Company, Toronto, to publish weekly articles on Public Health matters so that the wide circulation of these papers throughout the Province might bring the articles to the attention of a large percentage of the rural population. The value of this course has already been demonstrated by the inquiries on all kinds of health topics coming in almost daily from readers of these papers not only in Ontario but also from Manitoba, Saskatchewan, etc.

The value of the moving picture films that have been exhibited by the Provincial Board of Health for some years past, has been fully appreciated, but in my opinion the subject matter can be brought home to the people more effectively if the picture is supplemented by talks on Public Health, emphasizing the particular needs of each locality and the prevalence there of any forms of communicable disease.

The progress of Public Health in Ontario has received a great stimulus through the work of the Public Health nurse who started their demonstrations and Baby Clinics at various points throughout the Province last Fall. It has been my privilege to speak at several Public Meetings where these demonstrations are being launched, and in every case the pressing need or the appointment of a community nurse has been brought home to the people. Among the places at which I have addressed meetings in connection with the work of the Public Health nurses are Orillia, Woodstock, Innerkip, Ingersol, Dundas, Beeton, St. Catharines, Niagara Falls, Rockland, Whitby, Fort William and Kenora. In every one of these places visited, the public showed the greatest interest in the work outlined, and readily appreciated its potential value in lowering the infant death rate and building up a better class of citizenship for the future. In no instance have I found a locality where the progressive citizens were not in total harmony with the proposed activities of the Provincial Board of Health. In this connection the Women's Institutes are largely responsible for the intelligent interest shown and their work deserves the highest commendation. Moreover it is nearly always the Women's Institutes who make the preliminary arrangements for Public Health Meetings and demonstrations in rural districts. To provide material for reading and discussion at the regular meetings of the Women's Institutes I am sending them monthly a short pamphlet on timely Public Health topics for these occasions.

The question of finance is, I find, the only serious impediment in the carrying of all the reforms the Provincial Board is advocating. This is particularly true with regard to the appointment of a Public Health nurse, where some of the municipalities in which such a nurse is needed most, are saddled with a high tax rate. Education is required to show the citizens generally, and more particularly the local councillors that the money spent on a community nurse is more of an investment than an expenditure, owing to the preventive measures she carries out.

The subject of communicable disease appears to be of great concern to many people, judging by inquiries that come in regarding the precautions necessary to prevent infection.

Whenever local measures are adopted for the carrying out of a Public Health programme, he success of the scheme depends in great part on the activity of the local M.O.H.

In this connection it might be well to state that the small remuneration granted Medical Officers of Health in many rural districts is a deterrent to public health progress, as a Medical Officer of Health who has to depend on private practice, often cannot afford to antagonize citizens by insisting on the carrying out of seemingly trifling sanitary measures, not to speak of inaugurating and carrying out new schemes. The local Medical Officer of Health should, in my opinion, receive more financial consideration, if the greatest progress is to be made in Public Health work.

In order to diffuse general information regarding the programme the Public Health Nurses propose to carry out in their demonstrations and clinics throughout the Province, I prepared a pamphlet entitled "Health Promotion and Disease Prevention," giving details of this work and other activities of the Provincial Board of Health. Ten thousand copies of this pamphlet have been printed for general distribution.

J. J. Middleton M.B., D.P.H.

Director, Division of Public Health Education

REPORT OF THE LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH

To the Chairman and Members of the Provincial Board of Health.

I have the honour to submit herewith the following tabulated statements, summarizing the work of the Laboratories for the year 1920. The very remarkable increase in the number of specimens examined is noted in the reports of the main laboratory at Toronto, and also in those of the older branches at London and Kingston.

The newer branches at Fort William, Sault Ste. Marie and North Bay are justifying their existence in the service rendered to the people in that section of the Province. The demand for laboratory products continues to increase. The general advance in the work is shown by the following table

SPECIMENS EXAMINED IN THE LABORATORIES at 5 Queen's Park Toronto

	1911			1919			1920		
Diphtheria (swabs)			1068			2758			10119
Release from quarantine		173			2005			3192	
Postive	91			571			1124		
Negative	82			1434			2068		
Diagnosis		895			2453			6927	
Positive	402			536			1324		
Negative	669			1917			5603		
Tuberculosis (sputum)			1 650			2179			2154
Positive	402			407			342		
Negative	1248			1772			1812		
Typhoid (blood)			749			782			992
Positive	70			87			176		
Negative	679			695			816		
Syphilis—									
Colloidal Gold Reaction						8			109
Wasserman Reaction						6659			13013
Very strongly positive				1129			1659		
Strongly Positive				174			245		
Positive				444			958		
Negative				4912			10151		
Spirochaeta Pallidum						37			36
Positive				11			8		
Negative				26			28		
Gonorrhea						973			1110
Positive				242			275		
Negative				731			835		
Rabies (brains of animals)						23			17
Negri bodies present					4			7	
Negri bodies absent				19			9		
Milk			168			150			131
Water			1 718			2311			2089
Bacteriological	1668			2271			2047		
Chemical	50			40			42		
Liquor (for license dept)			241			595			543
Miscellaneous Specimens			86			319			207

Rabies appears to be well under control, as indicated by the small number of diagnostic examinations made, and the few Pasteur treatments administered.

The work on arsenical preparations for the treatment of Syphilis has passed from the stage at which it is entirely research and experimental.

One product of the laboratory, identical in composition with the German-made Salvarsan is distributed under the name "Phenarsenamine." Up to December the 31st, 1920, several thousand doses of this drug were used in the various clinics.

Research work was also developed in serology with a view to determining the value of the complement fixation test in Gonorrhea. It is thought that this test may ultimately prove of value in institutional work.

Respectfully submitted,

H. M. LANCASTER,
Director of Laboratories.

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis						Wassermann Reaction						Treponema Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−		+	−
Algoma—																
Blind River				4		5				1			1			
Bruce Mines												1	2			1
Cutler		2	1	3		1		1								
Foleyed			1	2		1		1		1		1	4			1
Hearst				2	2	6		3		2			1			
Hornepayne												1				
Nesterville						1										
Sault Ste. Marie	1		1	5	6	19	2	5		23	4	9	59			
Sowerby						1										
Spanish																
Steelton West				1						1						
Thessalon				1	1											
Brant—																
Brantford		8	2	7	11	52	3	14		27	3	14	75			7
Burford				1												
Cainsville			2										1			
Ohsweken	1	2	1	1	1					3			3			
Paris				2		1		3		3	1		8			
St. George	2	5	1	3						1			2			
Scotland					1	1		1								
Bruce—																
Chesley		3	4	3	2	4		4								
Hepworth							1									
Kincardine				3												
Lion's Head				3												
Lucknow			1	2												
Mildmay															1	
Paisley								1								
Port Elgin				8		15		3								
Ripley				1	1											
Southampton								1								
Tara						1		1								
Teeswater								1								
Tiverton						1							1			
Walkerton		1	2			3		3					3			
Wiarton			3	4	9	20	1	3		1			1		1	
Carleton—																
Ashton				1		1		1								
Carp		3	2	2		1							3			
Kars						1										
Manstick	1			1		2										
North Gower								1								
Ottawa				3		4	3	12		231	19	99	1112			
Richmond					1	2										
Westboro										2			1			
Metcalfe				2		2		5								
Dufferin—																
Grand Valley				1	1	1	1	2								
Orangeville		2	2	5	1	4										
Shelburne			1	9				4								

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk										Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives		Bacteriological										
										Tubercle Bac		Pus Cells								
+	–	Animal	+	–	Animal Inoculations	Fats	Total Solids	+	–	+	–	+	–	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial			
																					2
1	1																				15
																					8
1																		19	1		32
																					16
																		33			34
																					1
	3															5		3	8		153
																					1
																		1			1
																					2
																					2
7	20																	41	3		288
																		2			3
																					3
																		3			15
																		7	2	1	28
																					14
																					3
	1																	13			34
																1		1			3
																					3
																					3
																		1			4
																					1
																		3			4
																		10			36
																					2
																					1
																		14			16
																					1
																					2
	2																		3	1	16
																		2			47
																					3
																					11
																					1
																					4
																					1
																		3	9		1495
																					3
																					3
																					9
																					6
																	3	4		1	23
																					14

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis						
	Release		Diagnosis						Wassermann Reaction					Treponema Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−	+	−
Dundas—															
Cannamore		4				1									
Morrisburg				3	3	16	4	13		1			7		
Newington				1	1	1	2	3					1		
Winchester								1							
Durham—															
Bethany			1	6		4	1	5					1		
Bowmanville	33	58	42	99	2	14	2	11		1			6		
Enniskillen	3	7	2	4		3									
Janetville															
Millbrook				3		3	2	7					1		
Nestleton															
Orono			3	2	1	7									
Pontypool						4		2							
Port Hope	7	2	8	6	2	22		5		3			4	1	
Elgin—															
Bayham						1									
St. Thomas															
Staffordville						1							1		
Essex—															
Amherstburg						6		1							
Comber								1							
Essex		1		1	3	8		3					2		
Ford City						1				1			1		
Kingsville	5	7	6	5	2	4		3							
Leamington	2	12	2	16						3		4	2		
Ojibway															
Sandwich								1		1		1	2		
Tecumseh						1							3		
Walkerville								1		1		1	3		
Windsor				1		12				74	20	36	288		2
Woodslee					1										
Frontenac—															
Kingston													1		
Portsmouth															
Glengarry—															
Alexandria			1	2	2										
Apple Hill			1	1	2	4		1							
Dalhousie Mills						6		1							
Dalkeith				1		2									
Dunvegan								1							
Martintown	3	3				1									
Maxville			3	3	1	7		4					1		
Williamstown			1	1											
Grenville—															
Kemptville				1		2		1					1		
Merrickville				1		1									
North August				1											
Prescott						2		3		1			2		
Grey—															
Annan						1									
Chatsworth		1	1	9	1	5							1		
Clarksburg								2							

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk											Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies		Animal Inoculations	Food Content		Preservatives	Bacteriological					Extraneous Matter	Number of Milk Samples		Chemical	Bacterial			
									Tubercle Bac		Plus Cells		Count								
+	−		+	−		Fats	Totals Solids	+ −	+	−	+	−									
																					5
	1																	1			49
																					9
																					1
																					18
	4																	1		2	275
																				1	29
																				1	1
	1																	7			24
																		1			1
																					13
																					6
1	8																	86			155
																					1
																			3		3
																					2
																		1	1	1	10
																					1
																		5	9		32
																					3
																			1		33
																		1			42
																			9	1	10
																				2	7
																					4
																					6
	4	1		1															22		460
																					1
																		1	6		8
																	1	1			2
																			3		8
																		1			10
																		2			9
																					1
																					3
																					7
																		4			26
																		1			3
																		1			6
																					2
																					1
																				1	9
																					1
																		1			1
																					9

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis							Wassermann Reaction				Treponema Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−	+	−
Grey															
Dromore				2		1		1			1		1		
Dundalk				2		1		1		1			1		
Durham			1	5		4				3			6		
Flesherton				4	1	6	1	13		1			2		
Hanover					1			1							
Heathcote								1							
Holstein		1				1		1							
Markdale			2	2			1	2							
Maxwell	2	5		2		7	4	7					5		
Meaford	14	13	13	19	9	39	7	18		4	4	4	27		
Owen Sound					3	3									
Priceville						4									
Shallow Lake						1									
Thornbury															
Haldimand—															
Caledonia				2		2		3							
Canfield				1	1	1		2							
Cayuga						2									
Dunnville	3	5	6	6		7	1	17		1			3		1
Fisherville			1	3											
Hagersville	1		4	2			2	3							
Jarvis	1	3	6	2		7		1					1		
Selkirk	4	3	3	2		2							4		
Haliburton—															
Haliburton	1	9	4	15	1	22	1	6		1		3	45		2
Minden			1		1	4									
Halton—															
Acton	1	2	2	2		3									
Bronte															
Burlington	8	20		10	2	2	2	6		2		1	2		
Georgetown	14	25	2	30		2		2		1			1		1
Milton				5	3	10		1		1			2		
Norval															
Oakville	9	6	2	8		2		4		2			6		1
Tansley															
Hastings—															
Bancroft	3	6	4	3		2					1		1		
Belleville	13	24	81	331	3	5	1	13	1	1		3	13		
Deseronto		2	1	2		1		2					1		
Eldorado				1		1		2							
Frankford	2	3		3	2	3									
Madoc				2	2	5		3					1		
Marmora	12	5	3	7		2		1					1		1
Roslin		1	1	1								1	1		
Springbrook			1	18											
Stirling						1									
Trenton	2	3	2	3	2	6		3		3	1		10		1
Tweed								1							
Huron—															
Auburn						1									
Blythe							1								
Brussels						1	1	3							
Clinton													1		
Crediton	2	6		1	1	1									
Ethel	4	1	4			3		1							
Exeter		3		3		3		1					1		

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk										Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives		Bacteriological										
										Tubercle Bac		Plus Cells								
+	–	Animal	+	–	Animal Inoculations	Fats	Total Solids	+	–	+	–	+	–	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial			
																				2
																				5
																		1		20
																		4		23
	1																	5		34
																				2
																				1
	1																			4
																		2		9
																		19		51
2	19																	28	4	1	225
																				6
																				4
																				1
																		1		8
																				5
		1dog	1neg															2		5
																1		16	1	69
																		2		6
																		2		14
																		2		23
																				18
4	11																			125
	1																			7
1	4																		5	20
																		1		1
																		19		74
1	2																	2	1	5	89
																1		1	3		27
																			2		2
	3															4		26	2	3	78
																		3			3
																		5			25
	1																	23	5		518
	2																				12
																		2			6
																		1			14
																		12			25
	2																	13			48
																					5
																					19
																				1	2
	1																	3			41
		1dog	1neg															12			14
																					1
																					1
																		1			6
																					1
																					11
																					13
	1																				12

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis						Colloidal Gold Reaction	Wassermann Reaction				Treponema Pallida		
	+	−	+	−	+	−	+	−		Very Strongly Positive	Strongly Positive	+	−	+	1 F−	
Huron																
Fordwich																
Goderich	6	4	2	13	2	14	1	15		2			8			
Gorrie																
Kentail						2										
Seaforth				1	1	1		2								
Wingham				6	1	7							3			
Wroxeter								2								
Kenora—																
Keewatin								1								
Kenora													1			
Sioux Lookout										1			2			
Kent—																
Arkwood																
Blenheim				1			1	2					1			
Chatham		1	1	5	4	14	1	3		2		3	25		1	
Merlin												1	3			
Ridgetown															1	
Tilbury			1			6				1			1			
Wallaceburg			1	1												
Wheatley		1														
Whitebread																
Lambton—																
Corruna																
Florence						1										
Forest	3		1	3		1										
Inwood						1										
Petrolia				2						1						
Port Lambton				1												
Sarnia			5	7		9	2	8	1	1			13			
Thamesville			1		1	1										
Thedford			1	2		1		3								
West Lambton																
Wyoming						1		1								
Lanark—																
Almonte	6	17	11	10	2	3				1						
Carleton Place			2	2				2					2			1
Lanark—Con.																
Dalhousie Lake																
Middleville						4										1
Pakenham		4	2	6		8		1		1			2			
Perth		1	2	8	1	10		3					1			
Smith's Falls	9	4	16	10		2										
Leeds—																
Athens				1												
Brockville	1	2		11	6	11	2	1		5		3	11			
Elgin				1		2		1								
Lansdowne				1												
Lyn				1		2		1								
Lennox and Addington—																
Napanee	1		1	1									1			
Tamworth	1	2		2									1			
Lincoln—																
Beamsville		1	4	2		1		3					3	1		
Grimsby	3	1	7	10	1	5	1	1		1						
Jordan				1		5	3	2								

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk										Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives		Bacteriological										
										Tubercle Bac		Plus Cells								
+	—	Animal	+	—	Animal Inoculations	Fats	Total Solids	+	—	+	—	+	—	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial			
																		1			1
	1																		1	2	72
																		3			3
																					2
																					5
		1dog		1														2		1	21
																					2
																					1
																			9		10
																					3
																		1			1
																					5
	1																		4		65
																					4
																		10	1		12
	1																				10
	1																			1	4
																					1
																		1			1
																		1			1
																					1
																2		2			12
																					1
																					3
																					1
	2																	3	24		75
	1																				4
																			2		9
																			11		11
																		5			7
																					5
	1																23	81			114
																		2			2
																		1			6
																					24
																		4			30
																					41
																					1
	1																		1		55
																					4
																					1
																					4
																					4
																			1		7
	6																				21
																		3			33
																		10			21

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis						Wassermann Reaction						Treponema Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−	+	−
Merritton			2	3	1	2		2							
Niagara-on-the-Lake								1							
Port Dalhousie					1										
Queenston				1		1									
St. Catharines	36	158	13	34	9	48	4	13		35	4	33	205		
Smithville				1				1							
Manitoulin—															
Gore Bay				1											
Little Current					2	3									
Manitoulin															
Mindemoya															
Middlesex—															
Ailsa Craig					1										
London										1	1		1		
Park Hill					1			1							
Strathroy						1									
Muskoka and Parry Sound—															
Bala				1											
Bent River															
Bracebridge				6	2	8		2					8		
Burk's Falls				7	2	10		3	1						
Byng Inlet															
Callander			1					2							
Depot Harbour													3		
Dunchurch															
Gravenhurst	3	4	2	3				2				1	26		
Huntsville			1	4	5	5	1	5					3		
Kearney				1											
Maganatawan															
Otter Lake															
Pakesley				1				1		1			3		
Parry Sound			2	7	6	22	5	8		2		5	25		
Port Carling						2									
Powassan	6	7	6	4		1	1	3							
Rosseau					1			2							
Sanitorium P.O.													1		
Severn Bridge			1			2									
Sprucedale						2									
Sundridge	1		1	4		9	4	12					2		
Torrance															
Trout Creek								1							
Nipissing—															
Cache Bay						1									
Mattawa					1										
Milnet															
North Bay	24	61	30	34	4	19	6	12		10	2	4	41		2
Sturgeon Falls	2	21	3	8		6		1		5		1	9		
Norfolk—															
Delhi			2	17	1	10		1		1			10		
Port Dover	1	2	2	3		6		2					1		
Port Rowan			1	3	1	5		1		2					
Simcoe		4	5	36	1	14	1	1	1	9	1		13		
Waterford				6		3	1						1		

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk										Waters				
			Negri Bodies			Food Content		Preservatives		Bacteriological										
										Tubercle Bac		Plus Cells								
+	—	Animal	+	—	Animal Inoculations	Fats	Total Solids	+	—	+	—	+	—	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial	Liquors for License Department	Miscellaneous Specimens	Total for Year
																					10
																1		3			5
																					1
																					2
3	6															3		1	7		612
																					2
																			1	2	4
	5																			1	11
																			1		1
																			1		1
																		3		1	5
																		4		1	8
																		3	2		7
																					1
																					1
																		2			2
1																	1				28
																		18			41
																		5			5
																					3
																					3
																		3			3
																					41
	1																				25
																		2			3
																		4			4
																		1			1
																		7			13
1	1																	2			86
																					2
																		1			29
																		1			4
																		2			3
																					3
																					2
	3															1		1			39
																		1			1
																					1
																					1
																					1
																		4			4
15	12																	7	10		293
3	11															1		9			80
1	4																	13			60
	1																				18
																					13
	1															13		13	7		120
																		1			12

REPORT FROM BRANCH LABORATORIES OF THE PROVINCIAL BOARD OF

Municipalities	Diphtheritic Swabs				Tuberculous Sputa		Typhoid Bloods		Colloidal Gold Reaction	Syphilis					
	Release		Diagnosis							Wassermann Reaction				Treponema Pallida	
	+	−	+	−	+	−	+	−		Very Strongly Positive	Strongly Positive	+	−	+	−
Northumberland															
Brighton		4	2	9	4	6		1		1	2		9		
Campbellford		2		5	4	4		2		1			2		
Castleton						1		1							
Cobourg	1	16	7	20	3	13	3	10		3		2	12		
Colborne							1						1		
Cold Springs													3		
Gore's Landing						1									
Grafton		2				1									
Hastings		2				1		1							
Roseneath	4	3	1	1		1									
Warkworth					1	5							1		
Ontario—															
Beaverton		2	3	4				1							
Brooklin				2		4				1			4		
Brougham						1									
Cannington				3		4		2							
Claremont				3		1		1							
Goodwood								1							
Longford Mills															
Oshawa	53	222	101	1514	6	37	2	13		9		2	25		
Pickering					2	4		1							
Port Perry	14	25	4	5	1	7		3		1					
Sunderland				1		2	1	7							
Uxbridge			1	5	2	4	1	5		2		2	5		
Whitby		1	2	13		5		1			1	1	4		
Oxford—															
Burgessville				2											
Drumbo			1	1											
Eastwood													1		
Embro			1			1		1							
Ingersoll				3	1	7		5							
Norwich			1	2	1	3		2					2		
Otterville					2	8		3					3		
Plattsville					2	5		3		1		1			
Tavistock						1		1							
Tillsonburg		1	1	2	2	13		5		2		2	6		
Woodstock	6	12	17	17	2	37	1	8		3			6		
Peel—															
Alton				1		1							1		
Bolton	11	18	1	10	1	6		1					1		
Brampton	1			4	4	6									
Burnhamthorpe						3		1							
Caledon				2		2		1							
Caledon East				1		1									
Clarkson						1									
Cooksville			1	1											
Inglewood						2		2							
Lorne Park															
Palgrave			3	6											
Port Credit	2	4		5	2	3		1							
Streetsville								1							
Perth—															
Atwood				2		4		1							
Listowel	2	4	3	3	4	7		6							
Milverton						2									
Mitchell	1	1	3	6	1	1		1		1		1	1		

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk									Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives	Bacteriological										
									Tubercle Bac		Plus Cells								
+	—	Animal	+	—	Animal Inoculations	Fats	Total Solids	+ —	+	—	+	—	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial			
8	8																2			56
1																	5	1	1	28
																	3			5
	1																2	1		94
1															1		10			14
																				3
																				1
																	1			4
																				4
																				10
																				7
																				10
	1																5			17
																				1
																	4			13
																				5
																				1
																	1			1
42	28														14		66	5	1	2140
1	3																10			17
																	6			50
	3																3			14
																	8			38
																	5	4		37
																				2
																				2
																				1
																				3
																				16
																				11
																	11			27
																				12
																	3		2	7
																	1		1	36
	2																4	1		116
																			2	5
	2																10			61
															3		1	5		24
																				4
																1	3			9
																				2
																	2			3
																	1			3
																				4
																	3			3
4	5	1															2			21
																	6			23
																				1
																				7
															1		2			32
																				2
	2																2			21

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis						Colloidal Gold Reaction	Wassermann Reaction					Treponema Pallida	
										Very Strongly Positive	Strongly Positive	+	−		−	+
	+	−	+	−	+	−	+	−								
Perth—Con.																
St. Mary's						1		1								
Stratford	1	1	5	5	3	12		2								
Peterborough—																
Bailieborough			1	4		2	3	3								
Havelock				3												
Keene				1		1										
Lakefield	2		1	1		2		3								
Peterborough	46	62	25	55	10	32	2	13		12	4	4	146	1	1	
Prescott—																
Alfred																
Caledonia Springs																
Hawkesbury			4	3	4	14	1	8					2			
St. Eugene						1										
Vankleek Hill		1		2	2	6		2								
Prince Edward—																
Bloomfield			4	3												
Consecon	1	5	5	16	1	1										
Picton		2	3	7	3	1	2			2						
Wellington			2	1	2	4					1	1	1			
Rainy River—																
Emo				1												
Fort Frances						2				1						
Rainy River						1										
Renfrew—																
Arnprior			1		1	6							4			
Beachburg			1	2	1	6							1			
Calabogie								1								
Cobden	6	15	2	13		9		1		1						
Douglas				1												
Eganville		1				2		2								
Forester's Falls				1		2										
Pembroke		2	1	5		1		2		1			4			
Renfrew		1		3		1	1	2								
Russell—																
Bourget	1	3	3	9	1	9										
Casselman						1										
Clarence Creek	28	53	1	3	1											
Eastview												1				
Embrun						4										
Osgood Sta				1		1										
Rockland				1		3										
Russell						4		2								
Simcoe—																
Allandale													2			
Alliston				4	1	4		2					5			
Angus				2												
Barrie	59	58	28	94	5	22	6	7		3			22			
Beeton			1	3												
Belle Ewart																
Bond Head		1	1	2	1	1										
Bradford	4	8	3	4		1	1	3								
Churchill				2												
Coldwater				3	1	6		1			1		1			
Collingwood	1	9	5	17	4	29		6		9	1	5	60			
Cookstown				5	1	2							2			
Creemore		1	3	3		1		3								

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk										Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives	Bacteriological											
									Tubercle Bac		Plus Cells									
+	—	Animal	+	—	Animal Inoculations	Fats	Total Solids	+	—	+	—	+	—	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial			
																				2
	3																	9		1	42
																		3			16
																		12			15
																					2
																					9
3	13	2dgs	2	+														1		1	433
																		1			1
																		1			1
1	4																				41
																					1
																					13
2																					9
																					29
																		9			29
																					12
																					1
																		3	4		10
																					1
																					12
1	2																				14
																					1
																					47
																					1
																					5
																					3
1	1																	64	3		85
																			4		12
																					26
																					1
																					86
																					1
																					4
																					2
																		15	3		22
																					6
	1																			1	2
9	13																	6			333
																					4
																		1			1
																			1		7
																					24
																					3
																					12
2																63		8	1	1	221
																			1		11
	1																	1			12

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis						Wassermann Reaction						Treponem Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−		+	−
Simcoe—Cont.																
Edgar				1				1								
Elmvale	2		2	5		9	1	3								
Everett						1										
Hillsdale								1								
Midland	1	3	10	9	5	20	1	1		14	2	4	41			
Orillia	73	157	84	231	3	15	6	24		6		2	16			
Penetanguishene			4	7	2	3		1		3		1	2			
Phelpston						1										
Port McNicoll		3	2	4												
Stayner		1		6	1	7		6					3			
Stroud	1	1	2	1		7		1								1
Thornton				1			2									
Tioga																
Tottenham						1										
Victoria Harbor	1	5	6	13	3	15							2			
Waubaushene			1		1	2		2								
Stormont—																
Aultsville						4										
Cornwall			1	5	5	7		5		6		3	16			1
Crysler						1		1		1			4			
Dickson's Landing								1								
Moose Creek					1	3										
Sudbury—																
Burwash				3		1				95	18	47	981			
Capreol			3	1		2				8	1	2	92			
Chapleau				2		1		3		6			14			
Coniston			1		1	1				1						
Copper Cliff			1	8	3	4	1	2		2	1	2	4			
Crean Hill								1								
Creighton Mine	2	4	2	5	2	4		2		7		3	17			
Espanola		1	2	5		1		2		1			4			
Massey			2	6									2			
Sudbury	1	3	6	6	5	23	1	22		28	3	10	105			1
Turbine				2			3	3		2		3	9			
Webbwood	2	1	3	4		4				2	1	1	5			
Worthington								1								
Thunder Bay—																
Fort William				6									1			
Grant													1			
Jellicoe																
White River				1						1			2			
Timiskaming—																
Cobalt		1	5	9	2	8		3	1			3	27			
Cochrane			6	1	1	11	4	4	1	5	1	4	30			
Elk Lake																
Englehart				1	2	10		1		1	1	1	8	3		
Gowganda																
Haileybury	2	3	4	1	6	14	2	7				3	11			
Hanbury							1									
Iroquois Falls						1	1	1		9	1	2	12			
Kapuskasing				1		3	1	1				1	1			

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk									Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives	Bacteriological										
									Tubercle Bac		Plus Cells								
+	—	Animal	+	—	Animal Inoculations	Fats	Total Solids	+	—	+	—	+	—	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial			
																			2
																		2	24
																			1
																		10	11
																		26	152
	1																	82	700
																		15	40
																			1
																			9
	1																	1	26
																		1	15
																			3
																		4	4
																		1	2
																			45
																			5
																			4
																			49
																			7
																			1
																			4
6	98																1	21	1271
																		11	121
	1																	4	31
1																		17	22
																		111	141
																			1
																		15	65
																		22	41
																		1	11
	4																	71	305
																		4	26
	1																		24
																			1
																			8
																			1
																		1	1
																			4
	2																	16	77
1	6																	7	82
																		1	1
5	2																		35
																		5	6
	13																	10	78
																			1
																		9	38
																1		4	13

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis							Wassermann Reaction					Treponema Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−		+	−
Temiskaming–*Con*																
Kirkland Lake				1			1						1			
Larder Lake																
Matheson																
New Liskeard	4	7	5	13		16	8	4		3		1	6			
North Porcupine								1								
Porquis Junction												1				
Schumacher						2		2					3			
Smooth Rock Falls				2			3	6		2			3			
South Porcupine				1		1		2		2	1	1	8			
Timmins			1	2	3	11	7	18		7		3	29			1
Whitney		1	1	1				3								
Victoria—																
Bobcaygeon				1		2		1		1						
Cambray																
Fenelon Falls			1													
Kirkfield	1	4	1		1	1										
Lindsay		2	1	2	5	15	1	13								
Little Britain						2										
Omemee				1		10		8				2	1			
Woodville			1													
Waterloo—																
Ayr	2	5	2	2		6	1	1					1			
Baden				1												
Elmira				2	1	4							1			
Galt	13	14	10	26	4	25		1		6	5	7	38			
Hespeler	3	4	2	11		2		4		1		1	7			
Kitchener	14	50	9	41	8	42		3		2		3	37			1
Linwood		1	1			3							1			
New Dundee				2	1	10										
Nrw Hamburg				1		3		1								
Preston				2		2							2			
Wetterloo	12	16	13	252		4		4								
Waellesley						1										
West Montrose						1										
Welland—																
Bridgeburg		1	1	2		3		4								
Chippawa			1	3		8		1								
Fenwick		1	1			1										
Fonthill					1											
Humberstone						2										
Marshville						1		1								
Niagara Falls	6	10	6	10	2	27	2	8		19	2	5	53			
Port Colborne	7	8	11	8		5		1		1			15			
Ridgeway	1		1	4		6	1	3		1	2		8			
Stevensville				3												
Thorold	3	2						1				1	7			
Welland		5	3	16		13	3	19		17	4	3	111			
Wellington—																
Alma	2	1	1		2	9										
Arthur			6	13		6							1			
Drayton		4	2	6		2	1	2		1			4			
Elora				1		2										
Erin				2		2										
Fergus				1	1	2							1			
Glen Allen		1	1	6												

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con*

Gonorrhea		Rabies Diagnosis				Milk											Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives	Bacteriological												
									Tubercle Bac		Plus Cells										
+	−	Animal	+	−	Animal Inoculations	Fats	Total Solids	+	+	−	+	−	Count	Extraneous Matter	Number of Milk Samples		Chemical	Bacterial			
																					3
																		3			3
																		6	2		8
																				2	69
																					1
															1						2
																		3			10
																		6			22
1																		2			19
4	8														4			8			106
																					6
	2																	1			8
																		1			1
																		1			2
																		1			9
																		17	6		62
																		3			5
																					22
																					1
	1														1			1			22
																					1
																		9	1		18
2	6																1	12			170
1	3																	12			51
5	10																	14	19	3	261
																					6
																					13
																					5
																		1	1		8
																					311
																					1
																		3			4
																		8	3		22
																		16			29
		1																			4
																		1			2
																					2
																		5		1	8
5	20														1			8	28		212
1	2														1			8			68
	1																	6		1	35
																		1			4
															1			5	3	2	25
4	11														3			12	24	4	242
																		1			16
																					26
																					22
																					3
																				2	6
																		1			6
																					8

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tuberculous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis							Wassermann Reaction				Treponema Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−	+	−
Wellington—Con.															
Guelph	8	4		25	3	14	1	6		7		2	21		
Harriston		1		2		6							2		
Hillsburg			1	2		5									
Moorefield						3									
Morriston							1	3					1		
Mount Forest			2	4	3	12	1	2							
Palmerston				1	1	2		1							
Rockwood	2	4	1	1		1		1							
Wentworth—															
Dundas	1	2		3	1	3				1		1	6		
Freelton					1	1									
Hamilton				1		2	6			51	4	14	197		
Lynden				3											
Sheffield						3									
Stoney Creek		1		2											
Vinemount															
Waterdown															
York—															
Agincourt				6	2	11		1					9		
Aurora	28	31	61	470	1	3									
Birch Cliff			1					1							
Coleman															
Downsview															
Fairbank	5	12		3	1	1									
Highland Creek															
Jackson's Point															
Keswick				2		1		2							
King		2		2		1									
Lambton Mills	2	1				2									
Locust Hill															
Long Branch	16	15	10	5		1									
Malvern															
Maple						1									
Markham		2		4		4		2		3		1	4		
Milliken						1									
Mimico	8	8	10	271	1	2		1		4			15		
Mimico Beach		5	2	14	3	1		6		3			6		
Mount Albert		3	3	7		2		6							
Mount Dennis	4	3	11	11	2	1	1	1					3		
Nashville								1							
Newmarket	3	2	5	7		2	1	1					5		
Newtonbrook						1									
New Toronto	14	20	9	22	1	3	1			30	7	12	94		
Queensville			3	3		1									
Richmond Hill	4	4	1	7	2	5	2	4		3	2	1	48		
Roches Point															
Scarboro'			1	2											
Schomberg	1	1			1										
Stouffville	1	2		3	1								5		
Sutton West			2	8	1	2		2							
Swansea		5	1	4											
Thistleton															
Thornhill				1		1				76	7	54	753		
Todmorden		5	1	2		1									
Toronto	276	386	130	354	9	88	5	24	103	679	110	501	4720		4
Unionville						2									

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con,*

Gonorrhea		Rabies Diagnosis				Milk									Extraneous Matter	Number of Milk Samples	Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
						Food Content		Preservatives		Bacteriological											
			Negri Bodies		Animal Inoculations					Tubercle Bac		Plus Cells		Count			Chemical	Bacteria			
+	—	Animal	+	—		Fats	Total Solids	+	—	+	—	+	—								
2	12	5dgs	2—	3+												1		34	11	23	182
																					11
																		1			9
																					3
																					5
	3																				27
																					5
																		1			11
1																			21		40
																					2
		1dog	1	—														22	40		338
																					3
																				1	4
																		2			5
																		1			1
																		2			2
																		7			36
																	3	1			598
																		1			3
																		1			1
																		1			1
																					2
																		1			1
																		1			1
																					5
																					5
																		4			9
																		3			3
	2																	20			69
																1					1
																		3			3
2	5																	12			39
																					1
	1																		2		323
																					40
																					21
	1																	2	2		42
																					1
																					26
																			1		2
5	9																	3	1		230
																					7
1	5																1	12			102
																		5			5
																		5			8
																					3
																					12
	1																	3			19
																					10
																		2			2
																		2			894
																		3			12
105	353	5dgs	2+	3—													6	167	160	87	8272
																		2			4

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis						Colloidal Gold Reaction	Wassermann Reaction				Treponema Pallida		
	+	−	+	−	+	−	+	−		Very Strongly Positive	Strongly Positive	+	−	+	−	
York—*Con.*																
Weston	58	67	208	577	1	6	.....	3	.....	2	.....	.....	6	.....	.....	
West Toronto	35	54	5	7	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Willowdale	4	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Woodbridge	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
York Mills	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Totals	1124	2068	1324	5603	342	1812	176	816	109	1659	245	958	1015	1	8	28

ONTARIO AT TORONTO FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Food Content		Milk									Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies					Preservatives		Bacteriological											
										Tubercle Bac		Plus Cells									
+	—	Animal	+	—	Animal Inoculations	Fats	Total Solids	+	—	+	—	+	—	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial			
....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	29	15	19	995
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	111
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	5	....	....	7
275	835	17dg	7+	9—	....	....	....	....	....	....	....	....	....	....	....	131	42	2047	543	207	30520

YEARLY REPORT

Outfits, Vaccines and Treatments supplied by Laboratory at No. 5, Queen's Park, during the year 1920.

Municipalities	Outfits sent out								Doses of Typhoid-paratyphoid Vaccine supplied	Whooping Cough Vaccine	Silver nitrate for prevention of Ophthalmia	Pasteur Preventive Treatment	
	Syphilis (Wassermann)	Syphilis (Treponema Pallida)	Gonorrhea	Water	Diphtheria	T.B.	Typhoid	Total				Cases	No. of Injections
Algoma—													
Bruce Mines											5		
Collin's Inlet					1	1	1	3		20			
Cutler				2	2			4					
Foleyet	30			12				42	90	60	50		
Hornepayne				61				61					
Marksville	1		1		1	1	1	5	10	10	5		
Richard's Landing										500			
Sault Ste. Marie	96		6	6	15	9	24	156	120	80	10		
Spragge	12		2			1	2	17			30		
Thessalon	6		6			1	2	15	25	50	10		
Brant—													
Brantford	214		72	55	45	24	5	415	220	1345	1220		
Burford				12				12	20				
Ohsweken	8	6			1	1		16		40			
Paris	15					2		17	50	240	120		
St. George	12			6	4			22					
Bruce—													
Allenford	2		3				5	10					
Chesley		1		14	12	6		33	50	20			
Elmwood	3				2	3		8		100	30		
Formosa				1	1			2					
Hepworth						4		4					
Kincardine				1				1					
Mildmay	3		6					9					
Paisley	3			18				21		25			
Port Elgin				12		3		15	40				
Ripley				12	2			14					
Tara				12	1			13	30	70	15		
Tiverton											45		
Walkerton	1	1	1					3					
Wiarton	10		6		2	6	2	26	20	40			
Carleton—													
Ashton					2			2					
Carp						4		4		30			
Manotick					4	4		8					
Metcalfe	6				4	1		11	10	10	10		
Ottawa	2351	54	104		11	11	36	2567	522	3525	3100		
Westboro										20	10		
Dufferin—													
Grand Valley					1			1	25	30			
Orangeville						2		2					
Shelburn					5			5					
Dundas—													
Aultsville				1				1					
Iroquois	3		6	3			1	13	40		5		
Morisburg	13	1	7	3	1	4	1	30	52	30	10		
Newington	4			7		1	2	14	100				
Durham—													
Bethany				13	1	1		15					
Bowmanville	109	13	85		66	11	6	290	40		160		
Enniskillen			4					4					
Garden Hill										30	25		
Millbrook	6		6	6	2	2	2	24		10			
Orono										25			
Port Hope				109	4	4		117		160	1254		

YEARLY REPORT

Outfits, Vaccines and Treatments supplied by Laboratory at No. 5, Queen's Park, during the year 1920

Municipalities	Outfits sent out								Doses of Typhoid-paratyphoid Vaccine supplied	Whooping Cough Vaccine	Silver nitrate for prevention of Ophthalmia	Pasteur Preventive Treatment	
	Syphilis (Wasserman)	Syphilis (Treponema Pallida)	Gonorrhea	Water	Diphtheria	T.B.	Typhoid	Total				Cases	No. of Injections
Elgin—													
Dutton									10				
Fingal									40				
St. Thomas									20	215	15		
Stratfordville	6						1	7		20	10		
Essex—													
Comber				1			8	9					
Essex	12		6				2	20					
Kingsville					5		3 1	9	25				
Leamington	7				12			19	30		30		
Ojibway				9				9					
Pelee Island									20				
Stoney Point									10	30	5		
Windsor	910		300			32	5	1535	555	100	245		
Frontenac—													
Kingston									321		315		
Portsmouth				3				3					
Verona											10		
Wolfe Island									10	30	10		
Glengarry—													
Alexandria										20	10		
Apple Hill				12				12					
Dalhousie Mills						1	2	12					
Dalkeith					1		1	2					
Lancaster					1			1					
Maxville	9		12	24	1		2 5	53	20		75		
Grenville—													
Merrickville							2	2	20		5		
Prescott	12							12	30		100		
Spencerville							1	1					
Grey—													
Chatsworth	6						1	7	10		10		
Clarksburg							1	1	25				
Dramore				1				1	10				
Durham				6			3	9	30	90			
Flesherton	12		6		4		1	23					
Hanover				4	1		7	12			10		
Heathcote							1	1					
Holstein	4				2		1	7					
Markdale									10	20	10		
Meaford				8	2			10	42				
Owen Sound	48		48	12	15		8	131	20	316	50		
Shallow Lake							1	1					
Haldimand—													
Caledonia					2			2	20				
Canfield							1	1					
Cayuga				6				6					
Dunnville	30		12	14	13	1	1 12	92	70		65		
Fisherville					1			1					
Hagersville							1	1					
Jarvis					6		4 2	12					
Haliburton—													
Haliburton	62		12		5		4 2	85	10		55		
Minden	12		12				1	25					
Halton—													
Acton					1			1					
Burlington	6			24			1	31					

YEARLY REPORT

Outfits, Vaccines and Treatments supplied by Laboratory at 5 Queen's Park, during the year 1901.

Municipalities	Outfits sent out								Doses of Typhoid paratyphoid Vaccin supplied	Whooping Cough Vaccine	Silver nitrate for prevention of Ophthalmia	Pasteur Preventive Treatment	
	Syphilis (Wassermann)	Syphilis (Treponema Pallida)	Gonorrhea	Water	Diphtheria	T.B.	Typhoid	Total				Cases	No. Injections
Halton—Con.													
Georgetown	2		2	12			1	17		225	70		
Milton						3	1	4					
Norval				2				2					
Oakville	12		12	16				40	30	160	60		
Hastings—													
Bancroft										250	125		
Belleville	38	5		18	294	14		369	320	130	220		
Cannigton									30	50			
Deseronto	4		4				1	9	45	25	5		
Eldorado								6					
Frankford				1	2			3	40				
Foxboro'					11			11					
Glenmiller				1				1					
Madoc						1		1					
Marmora			6	42	4			52					
Maynooth											35		
Roslin	6							6					
Springbrook					4			4					
Stirling					1			1		20			
Trenton				6	3	3		12	82	273	55		
Tweed				6				6	20				
Huron—													
Blythe						1		1					
Brussels				1				1					
Clinton									10				
Crediton										20	20		
Ethel					1			1			10		
Exeter			6		2			8					
Goderich	6		12		7	5	3	33			16		
Gorrie				1				1					
Seaforth					3			3	20				
Wroxeter						1		1					
Kenora—													
Keewatin	5		10				3	18		50			
Kenora										56			
Sioux Lookout										30			
Kent—													
Blenheim									40				
Chatham	72		48	126	6	18		270	110	210	110		
Dresden									50	150	210		
Merlin											60		
Ridgetown				15				15	20				
Tilbury				24				24					
Wallaceburg	6							6	10				
Wheatly					1			1					
Lambton—													
Camalachie					4			4		69			
Corruna				2				2					
Forest	6	6	6	4	8	4	2	36					
Petrolia									10				
Port Lambton	6							6					
Sarnia	180		24	8	16	14	8	250	50	45	265		
Thamesville	25		1		2	2	1	31		120	160		
Thedford					2	1	1	4	10				
Watford							1	1	10	10	20		

YEARLY REPORT

Outfits, Vaccines and Treatments supplied by Laboratory at No. 5 Queen's Park, during the year 1920

Municipalities	Outfits sent out								Doses of Typhoid-paratyphoid Vaccine supplied	Whooping Cough Vaccine	Silver nitrate for prevention of Ophthalmia	Pasteur Preventive Treatment	
	Syphilis (Wassermann)	Syphilis (Treponema Pallida)	Gonorrhea	Water	Diphtheria	T.B.	Typhoid	Total				Cases	Injections
Lanark—													
Almonte					12	4		16			60		
Carleton Place	8		8	72	2	2		92	25		30		
Dalhousie Lake				2				211					
Lanark										20			
Pakenham	12					4		16	10				
Perth					1			1					
Smith's Falls					12			12	90				
Leeds—													
Brockville	24				10	9		43	100	105	265		
Gananoque	12		6		1	1	1	21			60		
Lyn	1	1	1		1	1	1	6		40			
Mallorytown					8			8					
Westport	6				6			12					
Lennox and Addington—													
Napanee					1			1		60			
Newburg										10			
Odessa									40	25	5		
Tamworth					12			12		20			
Lincoln—													
Beamsville	12		12					24	60	55	20		
Grimsby	18		3		6			27		130	40		
Jordan						2		2					
Jordan Sta				6				6	300				
Niagara-on-the-Lake					2	2		4	20	20	10		
Port Dalhousie				1				1					
St. Catharines	336			5	51	44	9	445	430	698	300		
St. Davids										85	140		
Smithville							2	2	20	50	10		
Manitoulin—													
Little Current			6	12		1			45				
Middlesex—													
Ailsa Craig				6		1			7				
London	1310		200			400	100	2010	206	516	540		
Melbourne										10			
Parkhill											25		
Muskoka and Parry Sound													
Bala										60			
Bent River				2				2					
Bracebridge	10		6		7	10	2	35					
Burk's Falls				18		18	4	40	136	58	15		
Byng Inlet			6					6		159			
Callander				1			5	6	40				
Dunchurch				1				1					
Gravenhurst	300		36		5		1	342	10				
Huntsville	4				3	2		9	30	20			
Kearney				6				6					
McKellar	6					1	1	8					
Pakesley	16			16		1	2	35					
Parry Sound	52		12	6		4	2	76	10	14	135		
Powassan					4	1	10	15					
Rosseau				3				3		20	10		
South River										60			

YEARLY REPORT

Outfits, Vaccines and Treatments supplied by Laboratory at No. 5, Queen's Park, during the year 1920.

Municipalities	Outfits sent out								Doses of Typhoid-paratyphoid Vaccine supplied	Whooping Cough Vaccine	Silver nitrate for prevention of Ophthalmia	Pasteur Preventive Treatment	
	Syphilis (Wassermann)	Syphilis (Treponema Pallida)	Gonorrhea	Water	Diphtheria	T.B.	Typhoid	Total				Cases	No. Injections
Sprucedale						1		1			20		
Sundridge			6		2	2	3	13	95	48			
Trout Creek	4		6		2		1	13		10			
Vankoughnet									10	10	5		
Nipissing—													
Cachle Bay									200				
Nickteton	6							6					
Norrh Bay	86		25	6	36		4	157	225	570			
Stufgeon Falls	24			13				37			15		
Norolk—													
Delhi	14		7	32	3	1	5	62					
Port Dover					1	1		2		20			
Port Rowan	12			1		2		15	110	312	90		
Simcoe	6			16				22	95	60	80		
Wrlsingham										42	10		
Nothumberland													
Brighton	12		16			2	2	32		140	45		
Campbellford	12			3	2	2	2	21	68	135	55		
Castleton				12				12					
Cobourg	12		6		22	10	7	57		110			
Colborne	6		6					12					
Cold Springs					5	1		6	125				
Grafton					3			3					
Roseneath					3			3					
Warkworth					2	2	2	6	40	150	10		
Ontario—													
Beaverton				12				12					
Cannington				6				6	40				
Goodwood	2		4		4	2		12					
Oshawa	172		210	95	846	39	10	1372	297	120	240		
Pickering										10			
Port Perry				6	1	1	1	9					
Sunderland					1			1	30	105	15		
Uxbridge	22		6	6	1	4	3	42	80		15		
Whitby				24	5	2		31					
Oxford—													
Burgessville				2				2					
Drumbo						1	1	2	40	60			
Ingersoll													
Mount Elgin						1		1					
Norwich	6				2	1		9		100			
Otterville	1			24		2		27	30	20	20		
Tillsonburg	12				2	7	1	22		89			
Woodstock	30			12	8	6	2	58	30				
Peel—													
Alton	2				3			5			5		
Bolton	10		4	15	7	2		38			50		
Brampton				2		1		3					
Burnhamthorpe						1		1					
Caledon				6				6					
Clarkson						1		1		20			
Cooksville				2				2					
Inglewood										20			
Palgrave					5			5			50		
Perth—													
Listowel	6				17	6	3	32	50				

YEARLY REPORT

Outfits, Vaccines and Treatments supplied by Laboratory at No. 5, Queen's Park, during the year 1920.

Municipalities	Outfits sent out								Doses of Typhoid-paratyphoid Vaccine supplied	Whooping Cough Vaccine	Silver nitrate for prevention of Ophthalmia	Pasteur Preventive Treatment	
	Syphilis (Wassermann)	Syphilis (Treponema Pallida)	Gonorrhea	Water	Diphtheria	T.B.	Typhoid	Total				Cases	No. Injections
Mitchell	16		12		9	1	1	39	20	20	30		
St. Mary's									30	30			
Stratford				10		10		20		70	240		
Peterboro—													
Bailieborough				4	6			10	20				
Havelock				14				14					
Lakefield							2	2					
Peterboro	224	12	42	24	32	20	5	359	110	1105	280	2	42
South Monaghan									20				
Prescott—													
Alfred									20				
Fournier			6					6	6	100			
Hawkesbury	30	6	12		2	2	4	56			60		
Vankleek Hill	2				1	1		4					
Prince Edward—													
Ameliasburg					4			4			15		
Bloomfield			4					4		30	25		
Consecon					2			2					
Hillier					2			2					
Picton	4	1	4	15	3	3	1	31	10	10	5		
Wellington					2	1	1	4			10		
Rainy River—													
Emo					10			10			40		
Rainy River									150		25		
Renfrew—													
Arnprior						1		1					
Beachburg	4		6		1	2	1	14	10	10			
Calabogie			3	6	1			10		40	10		
Cobden					21	2	3	26	10	156	20		
Eganville					12	1		13		278	60		
Forrester's Falls					3			3					
Pembroke	33			84	1			118	20	70	100		
Renfrew									84	264	30		
Westmeath	6			1		1		8		107			
Russell—													
Bourget					2	4		6	134	508	240		
Clarence Creek					12			12					
Embrun						1		1					
Rockland				20				20		45	5		
Russell									50	40	50		
Simcoe—													
Allandale	25							25					
Alliston	2				1	1	1	5		20			
Barrie	84		48	36	55	9	8	240	110	40	50		
Beeton					4			4					
Bondhead					1	6		7					
Bradford	6				7			13		10			
Coldwater	1		1		1	1	1	5			30		
Collingwood	128		24	12	16	3	2	185	45				
Cookstown	6				2	1		9					
Creemore						1		1					
Elmvale					1	1	1	3					
Everett											25		
Midland	54		60	18	17	17	6	172	10	150			
Orillia	34		12	126	88	4	3	267	30				
Penetanguishene	6				3	1		10	20				

YEARLY REPORT

Outfits, Vaccines and Treatments supplied by Laboratory at No. 5, Queen's Park, during the year 1920

Municipalities	Outfits sent out								Doses of Typhoid-paratyphoid Vaccine supplied	Whooping Cough Vaccine	Silver nitrate for prevention of Ophthalmia	Pasteur Preventive Treatment	
	Syphilis (Wassermann)	Syphilis (Treponema Pallida)	Gonorrhea	Water	Diphtheria	T.B.	Typhoid	Total				Cases	No. of Injections
Port McNicoll						1		1					
Stayner	6		4		1		2	13	40	70	105		
Stroud						2		2		20			
Tottenham						1		1					
Victoria Harbor					6		2	8					
Waubaushene					1		1	2					
Stormont—													
Cornwall	49				5	15	5	74			10		
Crysler	5					1		6					
Finch	2		2		6	5	5	20	30	10	5		
Mille Roches						1		1					
Moose Creek						1		1					
Sudbury—													
Burwash	1300			16				1316					
Capreol	7	1	1	36	4	2	1	52	20	40	10		
Chapleau	18			4		1		23	150				
Coniston						1		1					
Copper Cliff				120				120					
Creighton Mines	32				2	2	2	38			20		
Espanola	12			28	4		1	45		10			
Massey				1	7	1	1	10		50			
Sudbury	154		6	102	8	14	3	287	170	140	10		
Turbine	24			4			4	32					
Webbwood	10				2	1		13			40		
Worthington				18				18					
Thunder Bay—													
Fort William									350	984	375		
Grant	12							12					
Port Arthur					6			6					
Timiskaming—													
Charlton									100				
Cobalt	36			62	11	2		111	50	210	60		
Cochrane	48			6		9	30	93	50	50	200		
Elk Lake									10		15		
Englehart	50				4			54					
Gowganda									60	60			
Haileybury	24		6	24	1	3	1	59					
Hearst	6				1	2	1	10					
Iroquois Falls	36			8		6		50		40			
Kapuskasing				18				18					
Kirkland Lake											10		
Larder Lake				3				3	750				
Matheson				8				8					
New Liskeard	12		10			1	4	27	60	204	40		
Schumacher	6				1			7					
SmoothRockFalls	12			8	2	1			215	156	50		
South Porcupine	18				2	1		21					
Timmins	52	13	21	12	3	9	12	122	244	289	30		
Twin Falls				6					60				
Victoria—													
Bobcaygeon			10			2		12	20		15		
Coboconk	6				1	1		8			10		
Fenelon Falls				1				1		40			
Kirkfield					2			2					
Lindsay					5	10	4	19					
Little Britain									90	10			
Omemee	12				24			36		65			
Woodville				3	4	4	4	15	90				

YEARLY REPORT

Outfits, Vaccines and Treatments supplied by Laboratory at No. 5, Queen's Park, during the year 1920.

Municipalities	Outfits sent out								Doses of Typhoid-paratyphoid Vaccine supplied	Whooping Cough Vaccine	Silver nitrate for prevention of Ophthalmia	Pasteur Preventive Treatment	
	Syphilis (Wassermann)	Syphilis (Treponema Pallida)	Gonorrhea	Water	Diphtheria	T.B.	Typhoid	Total				Cases	No. of Injections
Waterloo—													
Ayr	6		6		12	3		27	10	35	25		
Baden					2			2					
Elmira						1		1					
Galt	110		8	12	32	8		170	20	10			
Hespeler	20			10	9	7		46	10				
Kitchener	72		32	1	25	24		154	30	480	235		
New Dundee	4			4	1			9		135			
New Hamburg	6					2		8	10				
Preston	6			7		2		15			55		
Waterloo	10		6		56			72		243	75		
Welland—													
Chippawa				12	2	2	2	18			10		
Niagara Falls	157		62	42	11	7	3	282	70		160		
Port Colborne	12		6	48	9	1	1	77	40	30			
Port Robinson			2					2					
Ridgeway	42	12	24	18	8	3	2	109	20	80	45		
Thorold	22							22	10		15		
Welland	144	26	30	30	11	13	7	261	140		280		
Wellington—													
Alma						1		1					
Arthur	1			4				5			10		
Drayton	6				2	1	1	10	50		45		
Erin					2			2					
Fergus	14	1	2	4				21			15		
Glen Allan					9			9					
Guelph	36		20	24	14	6	1	101	30	780		2	42
Harriston	3				5	1		9					
Mount Forest			6			2	2	10					
Palmerston											10		
Rockwood									30				
Wentworth—													
Dundas	6				3	3		12		20			
Hamilton	348		12	14				374	520	3430	1860		
Stoney Creek				3	4			7					
York—													
Agincourt	6			10	4	3		23	62				
Aurora				10	41			51	39	39			
Fairbank						1		1					
Highland Creek				1				1					
Lambton Mills					1	1		2					
Langstaff	12							12					
Locust Hill				1				1					
Long Branch											55	2	
Markham	14		14	6	2	1	1	38					
Mimico	3		3		40	1		47	220	148			
Mount Albert											15		
Mount Dennis					2			2	100				
Newmarket	10					2	1	13		84			
New Toronto					3			3					
Pefferlaw				1				1					
Queensville					2	1		3					
Richmond Hill	74		42	24	12	3	8	163		30	80		
Schomberg					2	1		3					
Stouffville	12				4			16					
Sutton					3		1	4		96			
Thornhill	135							135					

YEARLY REPORT

Outfits, Vaccines and Treatments supplied by Laboratory at No. 5, Queen's Park, during the year 1920.

Municipalities	Outfits sent out								Doses of Typhoid-paratyphoid Vaccine supplied	Whooping Cough Vaccine	Silver nitrate for prevention of Ophthalmia	Pasteur Preventive Treatment	
	Syphilis (Wassermann)	Syphilis (Treponema Palida)	Gonorrhea	Water	Diphtheria	T.B.	Typhoid	Total				Cases	No. of Injections
Todmorden	6							6					
Toronto	5380	7	554	79	1611	55	16	7702	2065	8464	380	2	42
Unionville				6				6			25		
Weston				12	36	4	1	53	20	475	5		
Woodbridge					4			4		20	5		
Militia Orders—													
Halifax									120				
Ottawa									920				
Totals	16,295	167	2,569	2,476	4,184	1,543	502	27,736	14,845	33,775	16,810	6	616

Grand Total—93,298.

REPORT OF THE BRANCH LABORATORY OF THE BOARD AT KINGSTON

The Chairman and Members of the Provincial Board of Health:

Gentlemen:

I have the honour to submit the report of the work done in the Branch Laboratory of the Provincial Board of Health during the year 1920.

During this year 7162 specimens were examined as per appended table:

Diphtheria:—

Swabs for Release from Quarantine		1,379
Positive	426	
Negative	953	
Swabs for Diagnosis		1,993
Positive	445	
Negative	1,548	
Sputums for Tubercle Bacilli		1,016
Positive	136	
Negative	480	
Bloods for Typhoid Reaction		396
Positive	82	
Negative	314	
Syphilis—Wassermann Reaction		1,456
Positive	206	
Negative	1,250	
Gonorrhea		174
Positive	46	
Negative	128	
Milk Tubercle Bac.		4
Negative	4	
Water for Bacteriological Analyses		452
Miscellaneous Samples		292
Total		7,162

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis						Wassermann Reaction						Treponem Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−		+	−
Algoma—																
Richard's Ldg.							1									
Bruce—																
Paisley							6		12							
Carleton—																
Manotick			1	3	1	2										
Metcalfe			1	4												
Ottawa										14	9	8	83			
Richmond						1										
Dundas—																
Brinston						1										
Chesterville						1	1		1				2			
Iroquois		4	1	1	2	3	1		2				6			
Morewood																
Morrisburg									1							
Winchester						5			4				5			
Frontenac—																
Battersea																
Collin's Bay						1										
Harrowsmith						1										
Kingston	372	758	292	917	57	601	15		138		100	24	7	1025		
Portsmouth					2	6										
Sarbot Lake	1		2	6					2							
Snow Rd.						1										
Sydenham			2	2	1	4			1							
Sunbury	1	2		2		1										
Verona		1	1	3	1	2	1		6				2			
Wolfe Island		11	2	19		2			3							
Glengarry—																
Dalkeith					1											
Lancaster			1													
Maxville						1			1							
Williamstown				2	2	4										
Grenville—																
Algonquin																
Cardinal		1	1	2	1	8			4				3			
Jasper				3		2										
Kemptville	3		1	1					2				5			
Merrickville					2	3			2							
North Augusta				1												
Prescott		1	1	1	1		7		6		1		1			
Spencerville						2										
Hastings—																
Bancroft					3	5										
Belleville	27	77	57	409	12	50	7		18		8	1	26			
Deseronto																
Foxboro'		3	3	9		2										
Frankford		3	1													
Maymoth		3	3	9		2										
Roslin			3	4		4			1							
Stirling				1												
Trenton					2	1										
Tweed						8			4							

ONTARIO AT KINGSTON, FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con*

Gonorrhea		Rabies Diagnosis				Milk										Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives	Bacteriological				Count	Extraneous Matter	Number of Milk Samples					
									Tubercle Bac		Plus Cells									
+	—	Animal	+	—	Animal Inoculations	Fats	Total Solids	+	+	—	+	—				Chemical	Bacterial			
																				1
																				18
																				7
																				5
9	34																1		2	160
																				1
																				1
																				5
3																				23
																	1			1
1																				2
		1																		15
																	1		1	2
																				1
																				1
21	52									4							323		273	4979
																	6			14
																				11
																				1
																				10
																				6
																				17
																				37
																				1
																	2			3
																				2
																				8
																	1			1
																	2			22
																				5
																	6			18
																				7
																				1
	1																7			27
																				2
																				8
3	14																8			717
																	3			3
																				17
																				4
																				17
																				12
																				1
																				3

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tuberculous Sputa		Typhoid Bloods		Syphilis						
	Release		Diagnosis						Wassermann Reaction					Treponema Pallida	
	+	–	+	–	+	–	+	–	Colloidal Gold Reaction	Pery Stro ngly Vositive	Strongly Positive	+	–	+	–
Kent—															
Tilbury															
Wallaceburg															
Lambton—															
Sarnia						1									
Lanark—															
Almonte		3	10	8	1										
Carleton Place			4	5	2	3	16	6		4			3		
Lanark					1	2									
McDonald's Cnr.				4	1	2		2							
Perth		1	1	1		5		1					1		
Smith's Falls				1	10	19	2	13		1			4		
Leeds—															
Athens			1			1									
Brockville	7	13	8	16	2	9	2	12		6			22		
Delta				1									1		
Elgin				1				1							
Gananoque		1		5	3	6	6	5		1	2		8		
Lansdowne		1	2	14	1	5		2							
Lyn			1			1									
Mallorytown								1				1			
Newboro	5	22	9	8				3							
Seeley's Bay	2		2	8		1									
Westport			2	1		1		3							
Lennox and Addington—															
Adolphustown		14	2	4			1	1							
Bath			1	5				1							
Colebrook				1			1								
Denbigh						4									
Enterprise		1	1												
Flinton		4		4		2		1							
Napanee	5	7	8	14	3	12		9					1		
Newburgh		1	3	3				2							
Odessa						1									
Tamworth			3	4		3		1							
Yarker				1		1		2							
Muskoka—															
Bracebridge						1		1							
Northumberland															
Campbellford	2	8	2	1						1			3		
Cobourg		6	2	9		1				2	1		6		
Colborne		1	1		1	2	1								
Roseneath				1											
Warkworth															
Parry Sound—															
Parry Sound					1	1									
Peterboro'—															
Peterboro'					1			1							
Prescott—															
Fournier		1		2		6	3	1					2		
Prince Edward—															
Picton				5		2	2	2							

ONTARIO AT KINGSTON, FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea +	Gonorrhea −	Rabies Diagnosis: Animal	Rabies Diagnosis: Negri Bodies +	Rabies Diagnosis: Negri Bodies −	Rabies Diagnosis: Animal Inoculations	Milk: Food Content: Fats	Milk: Food Content: Total Solids	Milk: Preservatives +	Milk: Preservatives −	Milk: Bacteriological: Tubercle Bac +	Milk: Bacteriological: Tubercle Bac −	Milk: Bacteriological: Plus Cells +	Milk: Bacteriological: Plus Cells −	Milk: Count	Milk: Extraneous Matter	Milk: Number of Milk Samples	Waters: Chemical	Waters: Bacterial	Liquors for License Department	Miscellaneous Specimens	Total for Year
	1																				1
1																					1
																					1
																					22
2	5																			4	54
																					3
																					9
																				1	11
	1																	17		3	71
																		3			5
																		5			102
	2																				4
																					2
2	1																	4		1	45
																					25
																					2
																					2
																					47
																					13
	1																	2			10
																					22
																					7
																					2
																					4
																					2
																					11
	1																	24			84
																		2			11
																					1
																					11
																					4
																					2
	2																	3			19
																		2		3	30
																		3			11
																					1
																					3
																					2
	1																				3
1	1																				17
																		2			13

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tubercu-lous Sputa		Typhoid Bloods		Syphilis						
	Release		Diagnosis						Wassermann Reaction					Treponema Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−	+	−
Picton—Con.															
Rednersville						1									
Renfrew—															
Arnprior			1	1	1	2									
Calabogie								2							
Cobden			2	2		1									
Killaloe						3									
Pembroke					9	14	2	1					2		
Petawawa															
Renfrew	1	3	2	3	3	13	2	6					7		
Westmeath				1		1		2							
Simcoe—															
Barrie								5							
Stormont—															
Chesterville						1		1							
Cornwall		2	2	7	5	11	1	4		2			5		
Dickinson's Ldg						1		1							
Finch			2	5	2	5	3	9		6	1		8		
Moose Creek															
Newington				3	1	1		3							
Timiskaming—															
Cochrane						3							1		
Victoria—															
Lindsay						2	1		4	1		17			
Welland—															
Ridgeway													1		
Wellington—															
Guelph						5		1		1					
Grand Total	426	953	445	1548	136	880	82	314		151	39	16	1250		

ONTARIO AT KINGSTON, FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk									Waters				
			Negri Bodies			Food Content		Preservatives	Bacteriological										
									Tubercle Bac		Plus Cells								
+	−	Animal	+	−	Animal Inoculations	Fats	Total Solids	+	+	−	+	−	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial	Liquors for License Department	Miscellaneous Specimens	Total for Year
																			1
																	8			13
																	2			4
																	1			6
																				3
																				28
																	1			1
																				40
																	4			8
																				5
1																			1	4
	5																8		1	53
																				2
2	4																		2	49
	1																		8	1
																				8
																				4
																				25
																				1
																				7
46	128								4								452		292	7162

REPORT OF THE BRANCH LABORATORY OF THE BOARD OF LONDON (INSTITUTE OF HEALTH)

The number of examinations made by the Branch Laboratory of the Provincial Board of Health at London (Institute of Public Health) in 1920 were as per table:

Diphtheria:		
Swabs for Release		1138
Positive	300	
Negative	838	
Swabs for Diagnosis		2019
Positive	318	
Negative	1701	
Sputum for Tubercle Bacilli		1015
Positive	182	
Negative	833	
Blood for Typhoid Reaction		297
Positive	90	
Negative	207	
Colloidal Reaction		207
Syphilis—Wassermann Reaction		3044
Very strongly Positive	683	
Strongly Positive	129	
Positive	62	
Negative	2170	
Gonorrhea		382
Positive	87	
Negative	295	
Rabies Diagnosis		1
Food Contents		473
Milk for Examination:—		
Count		579
Water for Bacteriological Examination		736
Chemical	242	
Bacterial	494	
Liquors for Examination		9
Miscellaneous Specimens		784
Total		10,684

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tuberculous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis						Wassermann Reaction						Treponem Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold React'	Very Strongly Positive	Strongly Positive	+	−		+	−
Algoma—																
Turbine										3	1	1	3			
Brant—																
Brantford					1	2				4			11			
Paris				3	1	2		2								
Bruce—																
Kincardine				2	1	2					1					
Lucknow					1	1										
Mildmay						2		1								
Walkerton						6				3		1	5			
Carleton—																
Ottawa									8	9	4		34			
Durham—																
Millbrook						2				1	1		1			
Elgin—																
Aylmer						2				4	1		6			
Dutton				3		5										
Pt. Bruce																
Pt. Stanley					2											
Springfield						2							1			
Shedden	5	19	6	6	1	3							1			
St. Thomas				1		1				14	4		42			
Wallacetown						1		1								
West Lorne				1		1	1									
Essex—																
Comber						5	3									
Kingsville	4	3	7	8		2	1	4								
Leamington						2		1								
Stoney Point				3												
Tilbury						1						1	1			
Walkerville						3				8			14			
Windsor						2				36	11	5	100			
Grey—																
Dromore											1					
Elmwood						2										
Hanover																
Haldimand—																
Dunnville		5	7	5		6	2	7								
Huron—																
Bayfield																
Blyth						1		1								
Clinton				1				1								
Crediton			3			2										
Dashwood																
Exeter			4	2		1		1								
Goderich	1	3	2	5		2		5					1			
Hensall		2	3	6		6										
Seaforth				1	3	3		2		1						
Wingham					1	5										
Zurich				1		5	2	3								
Kent—																
Blenheim					2	18	2	7		1	2		5			
Chatham		1	5	9	8	35	4	13	2	12	1	4	54			
Dresden		1	2	5		3	4	2					1			
Duart		1	1	1		3										
Highgate						1										
Merlin				3	2	3				2			8			

ONTAIO AT LONDON FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk									Wat rs		Liquors for License Department	Miscellaneous Specimen	Total for Year
			Negri Bodies			Food Content		Preservatives	Bacteriological										
									Tubercle Bac.		Pus Cells								
+	—	Animal	+	—	Animal Inoculations	Fats	Total Solids	— —	+	—	+	—	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial			
																			8
1	1																	2	22
	1																	1	10
																			6
																			2
1	3															16	11		34
1																			16
																			55
	1																	15	21
																14	16	1	44
																		1	9
																2	2		4
																			2
																			3
																			41
																		1	63
																10	10	1	23
																2	2	1	8
																			8
																6	6		41
																		1	4
1	1																		3
																			5
																			25
																		2	156
																			1
																			2
																			1
																		1	33
																		1	1
1	1																		4
																		1	3
																8	8		4 25
																		1	1
	5															3	3	3	22
						20							20			4	4		67
																			17
																3	3	2	18
1	2																	1	10
	1																		12
																1	1	1	40
4	14															4	200	7	377
																1	1	1	21
3	3																		12
																			1
1																16	16	1	52
																1	1		2

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tuberculous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis						Wassermann Reaction						Treponema Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold React'	Very Strongly Positive	Strongly Positive	+	−		+	−
Kent—Continued																
Paincourt																
Ridgetown	2			1	3	6		4					2			
Thamesville		12	2	14	1	6	1	1		4		1	5			
Wallaceburg	1	2	2	3		5				14		1	33			
Wheatley			1	2	1	1	2	3		1			2			
Lambton—																
Alvinston		1		1												
Arkona				1						1						
Brigden					1											
Camlachie	1	19	10	14		1	2	4								
Courtright																
Florence						1										
Forest	2	6	2	13	3	9		1	1	3			3			
Inwood				3												
Oil Springs				1		1										
Petrolia	1	3	2	6	2	4		3					1			
Pt. Lambton							1	1								
Sarnia	11	15	11	27	5	29	2	10		26	2	1	65			
Thedford							1									
Watford	1	2		1	2	1	3									
Wyoming				1		5	2									
Lincoln—																
St. Catharines			1							2			8			
Middlesex—																
Adelaide													2			
Belmont	2	3	1	2		2										
Byron		1	4	92	19	65				9	2	4	37			
Denfield																
Dorchester		2	1	9	2	8		3					4			
Glencoe				1			1						1			
Granton				3	1	2		2								
Harrietsville																
Hyde Park						2				1			2			
Kirkton		2	3	5	1	4	2						4			
Komoka					6											
Lambeth					1											
Lobo				2												
London	260	658	205	1162	76	367	31	57	97	322	72	27	1184			
Lucan		1	2			1		3								
Melburne						1	1	5								
Mt. Brydges	1	35	13	159												
Newbury				1		2		1								
Parkhill						4	1	2								
Strathroy				1	2	7		2								
Thorndale			1		3	2	3	3					1			
Wardsville											1		2			
Nipissing—																
Burwash													1			
North Bay										3			12			
Norfolk—																
Delhi		1		2												
Simcoe										2			1			
Northumberland																
Campbellford																
Ontario—																
Whitby						1		2	17	7	1	1	57			

ONTARIO AT LONDON FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk								Extraneous Matter	Number of Milk Samples	Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives	Bacteriological				Count							
									Tubercle Bac		Plus Cells									
+	−	Animal	+	−	Animal Inoculations	Fats	Total Solids	+	+	−	+	−				Chemical	Bacterial			
																1	1			2
																2	2		5	27
	6																		1	54
5	11					4							4			13	13			111
																				13
																				2
																				2
																1	1			3
																				51
																2	2			4
																1	1			3
																				43
	1																			4
																				2
1																			1	24
																				2
7	24															19	19		3	276
	1																			2
																1	1			12
																				8
																				11
																				2
																				10
	2					4							7				3		35	284
																1	1			2
																			1	30
1	1															2	2			9
																			1	9
																3	3			6
																				5
																			1	22
																				6
																			1	2
																				2
51	82					445							548			66	122	9	609	6550
																				7
																1	1			9
																2	2			212
2	3																			9
																1	1			9
																			1	13
																			2	15
																			2	5
																				1
																				15
1	3																			7
																				3
																			6	6
																			2	88

REPORT FROM LABORATORIES OF THE PROVINCIAL BOARD OF HEALTH OF

Municipalities	Diphtheritic Swabs				Tuberculous Sputa		Typhoid Bloods		Syphilis							
	Release		Diagnosis							Wassermann Reaction				Treponema Pallida	
	+	−	+	−	+	−	+	−	Colloidal Gold Reaction	Very Strongly Positive	Strongly Positive	+	−	+	−
Oxford—															
Beachville													1		
Brownsville						5							1		
Burgessville							1								
Drumbo															
Ingersoll		3	1	16	9	27	6	10	2	6	2		15		
Innerkip		2	1	3											
Lakeside						9							1		
Plattsville				1											
Tavistock				1		2		2							
Thamesford			1	4	2			2					1		
Tillsonburg						1							4		
Woodstock		8	3	30	2	19	1	1		26	5	2	24		
Perth—															
Listowel	3	4	1	4	1	13	5	4					3		
Mitchell	1	5	2	6		1		2		5			4		
St. Mary's			1	5		9	1	7		2					
Sebringville	3	7	1	7		1		1							
Stratford		6	2	11	3	29		7	2	24	2	3	47		
Peterboro—															
Peterboro	1	2	1		1	1	3	4							
Rainy River—															
Emo													1		
Renfrew—															
Pembroke													2		
Sudbury—															
Foleyet										1			4		
Timiskaming—															
Smooth Rock Falls													2		
Waterloo—															
Galt							1	6	2				9		
Kitchener			2	11	9	23			2	37	7	4	175		
New Dundee															
Preston													1		
Wellesley					3	10									
Welland—															
Welland										2			5		
Wellington—															
Guelph						2		3	74	83	7	5	1149		
Harriston		3	1	9		1									
Moorefield															
Mt. Forest										1					
Wentworth—															
Dundas													1		
Hamilton											1		2		
Sheffield						1									
York—															
Markham										1			2		
Toronto										2		1	1		
Grand Total	300	838	318	1701	182	833	90	207	207	683	129	62	2170		

ONTARIO AT LONDON FOR THE YEAR 1920.—SPECIMENS EXAMINED.—*Con.*

Gonorrhea		Rabies Diagnosis				Milk										Waters		Liquors for License Department	Miscellaneous Specimens	Total for Year
			Negri Bodies			Food Content		Preservatives	Bacteriological											
									Tubercle Bac		Plus Cells									
+	–	Animal	+	–	Animal Inoculations	Fats	Total Solids	+	+	–	+	–	Count	Extraneous Matter	Number of Milk Samples	Chemical	Bacterial			
																				1
																				6
																				1
																3	3			6
		1														10	10		7	125
																				6
																				10
																				1
																4	4		4	17
																			2	12
	2																		3	10
	2															2	2		6	133
	2															15	15		2	72
1	1																		2	30
																			3	27
																				20
3	7																		6	152
																			9	22
																				1
																				2
																				5
																				2
																			1	19
1	4																		13	288
	1																			1
																				1
																				13
																				7
	7																		3	333
																			1	15
																1	1			2
	2																			3
																				1
																				3
																1	1			3
																				3
																			1	5
87	95	1				473							579			242	494	9	784	10684

DIVISION OF LABORATORIES

FORT WILLIAM, Nov. 1, 1920

Sir,—I have the honour to submit the report of the work done in the local laboratory of the Prov. Board of Health for the year ending Oct. 31st, 1920. In this year, which was the opening year here, 2,275 specimens were examined as per appended table, and in addition the venereal diagnosis and treatment of the inmates of the Fort William Industrial farm were all done by this laboratory. Please allow me to make the following comments:

Positive Sputa

I have had the privilege of visiting some of these cases, probably 25% and I know that a fair proportion were early cases some of which required a positive sputum report before the diagnosis was made.

Widals

I visited 90% of these cases and performed the wet method of agglutination, in preference to the dry method, so that I was able to make a definite report giving results in various known dilutions of the sera tested; of those who had been inoculated with typhoid vaccine previously, I always made two examinations a week apart, so that I was able to determine whether or not the titre increased and thus make a diagnosis; in these cases the dry method would have been valueless.

Wassermans

You will see that out of a total of 636 sera examined 156 or about 25% were positive, the great majority of the latter being very strongly positive. I think I saw over 50% of these cases myself and the results correspond well with the history and clinical manifestations in 98% of cases; a good many are for purposes of diagnosis; last month alone, out of 30 positives no less than 21 were for diagnosis as reported to Dr. R. R. McClenahan. These Wassermans are all performed according to the method recommended by the Medical Research (now council) of the United Kingdom and our results are from a method as nearly standard as possible up to date.

Water Analysis

This work is now coming in at a fair rate as Dr. G. L. Sparks is getting after the various Municipalities, emphasizing the importance of this phase of the health problem and its vital relation to the community.

Miscellaneous Specimens

Under this head I have included the extra work I do for the local physicians, which includes urinalysis, blood counts, gastric analysis, pathological sections, lumbar punctures, blood transfusion tests and so on. I have been charging only a small fee for these and in cases where the patient cannot pay, the work is done free including the visit. I made this arrangement with the Medical Society when coming here last fall, according to permission given by you while I was in Toronto during the summer. All other work has been done free of charge according to the ruling of the Prov. Board of Health.

Industrial Farm

During the year I have examined 165 inmates all told, finding 21 of these suffering from Syphilis for which in practically every case little or no treatment had been given; and 3 cases of G. C. I, and my assistant, Mr. W. J. Thompson, made 39 visits to the farm during the year, and gave during the year no less than 90 treatments of diarsenol intravenously and mercury intramuscularly, preparing the solutions at this laboratory just before going out, so that the solutions were still warm for administering and so far I am glad to report, there have been no reactions either with diarsenol or Mr. Lancaster's preparation of Phenarsenamine; and the patients have benefited greatly and all cases in the infective stage were rendered non-infective. I tried to give 7 treatments to every man unless his sentence expired beforehand, in which case he was allowed to go unless he was in an infective condition.

Conclusion

I think the establishment of this laboratory has or is being justified; I have spent all of my time at the above work, and have not been away from these two cities a day since coming here a year ago last October 1. I think that the closer a laboratory is to the spot the better it is for the community and for several reasons; in the first place it gives the director a good opportunity to see the clinical aspect and therefore he is more particular about his work and also takes more interest in the same and develops more care and confidence; secondly, the physician must be constantly reminded of the weakness of a laboratory report so that he does not rest content with a negative or positive report as the case may be and personal contact with the physician and the man at the head of the laboratory is necessary to achieve this purpose.

Quarterly Report

I am also enclosing this for the last quarter of the year, viz., that ending October 31st, 1920. Trusting these will meet with your approval, I am,

Faithfully yours,

N. O. THOMAS.

Dr. J. W. S. McCullough, D.P.H., Chief Officer of Health,

Parliament Buildings, Toronto, Ont.

Laboratories, Fort William, Nov. 1, 1920.

Summary Work Done Ending October 31st, 1920

Diphtheria:		
Swabs for release from quarantine		39
Positive	16	
Negative	23	
Swabs for diagnosis		227
Positive	28	
Negative	199	
Sputa for Tubercle Bacilli		302
Positive	52	
Negative	250	
Blood for Typhoid Reaction		32
Positive	13	
Negative	19	
Syphilis-Wasserman Reaction		636
Positive	156	
Negative	480	
Treponema Pallida		8
Positive	2	
Negative	6	
Gonorrhea		175
Positive	67	
Negative	108	
Water for analysis		106
Miscellaneous samples		536
Milk for analysis		214
Total		2275

Certified correct,

N. O. THOMAS,

Director of Laboratory.

STATEMENT OF BIOLOGICAL PRODUCTS

Distributed Free of Charge by the Provincial Board of Health, Ontario

November 1st, 1919 to October 31st, 1920

Month	Smallpox Vaccine points	Diphtheria antitoxin units	Diphtheria antitoxin syringes	Toxin antitoxin vials	Schick test outfits	A. M. serum	Intra-spinal outfits	Tetanus Antitoxin units	Tetanus Antitoxin syringes	Tetanus Outfits	Pasteur tr. (Rabies)	Typhoid vaccine cc.	Pertussis Vaccine			Silver Nitrate sol.
													B	10cc.	25cc.	
November	250,300	42,413,000	1,750	.....	4	160	29	451,500	36	1	.....	755	119	71	28	364
December	126,685	39,940,000	2,303	.....	.....	17	7	34,500	11	.....	.....	455	230	57	39	337
January	75,145	52,132,000	3,116	.....	.....	70	34	512,000	84	2	.....	528	119	120	106	339
February	31,115	29,773,000	964	.....	.....	56	15	57,000	.....	.....	.....	815	40	131	36	246
March	13,350	35,364,000	2,479	.....	6	109	18	346,500	10	.....	.....	1,847	79	52	27	178
April	9,240	24,375,000	1,462	.....	.....	117	6	238,500	24	.....	1	227	5	118	91	174
May	14,090	24,172,000	1,720	.....	.....	76	9	168,000	5	.....	1	623	4	134	46	319
June	11,805	24,346,000	1,462	3	78	24	.....	450,000	4	2	2	1,014	10	107	46	83
July	6,315	8,824,000	515	.....	24	39	3	352,000	19	.....	.....	1,236	52	161	44	314
August	9,020	22,258,000	1,479	.....	.....	119	12	298,500	28	.....	1	1,045	62	59	51	296
September	10,800	28,134,000	1,738	.....	.....	127	14	738,000	99	3	.....	783	16	217	19	451
October	17,060	32,888,000	1,269	10	107	46	15	388,000	15	.....	.....	2,043	.....	143	28	117
	574,925	364,619,000	20,257	13	219	960	172	4,094,500	335	8	5	11,371	736	1,370	561	3,218

SUPPLEMENTARY STATEMENT

Month	Smallpox vaccine	Diphtheria Antitoxin vials	Diphtheria Antitoxin syringes	Toxin Antitoxin	Schick Outfits	A. M. serum 20cc vials	Intra-spinal outfits	Tetanus Antitoxin vials	Tetanus antitoxin syringes	Tetanus outfits	Pasteur treatment for rabies	Total cost	Revenue
November	10,012.00	6,361.95	350.00	.....	0.60	160.00	12.05	135.45	7.20	0.45	.....	17,040.70	369.70
December	5,067.40	5,991.00	460.60	.....	.....	17.00	3.15	28.35	2.20	.....	.....	11,569.70	465.95
January	3,005.80	7,819.80	623.20	.....	.....	70.00	15.30	153.60	16.80	0.90	.....	11,705.40	656.20
February	1,244.60	4,465.95	192.80	.....	.....	50.00	6.75	17.10	.....	.....	.....	5,983.20	199.55
March	534.00	5,304.60	495.80	.....	0.90	109.00	8.10	103.95	2.00	.....	.....	6,558.35	505.90
April	369.60	3,656.25	292.40	.....	.....	117.00	7.20	71.55	4.80	.....	15.00	4,533.80	304.40
May	563.60	3,625.80	344.00	.....	.....	76.00	4.05	50.40	1.00	.....	15.00	4,679.85	349.05
June	472.20	3,651.90	292.40	0.50	11.70	24.00	.....	135.00	.80	0.90	30.00	4,619.40	294.10
July	252.60	1,323.60	103.00	.....	3.60	39.00	1.35	105.60	3.80	.....	.....	1,832.55	108.15
August	360.80	3,338.70	296.80	.....	.....	119.00	5.40	89.55	5.60	.....	15.00	4,229.85	306.80
September	432.00	4,220.10	347.60	.....	.....	127.00	6.30	221.40	19.80	1.35	.....	5,375.55	375.05
October	682.40	4,933.20	253.00	4.17	16.05	46.00	6.75	116.40	3.00	.....	.....	6,061.77	263.55
	22,977.00	54,692.85	4,051.40	4.67	32.85	965.00	76.40	1,228.35	67.00	3.60	75.00	84,190.12	4198.40
											*Government tax.....	114.37	
												84,304.49	

CASES AND DEATHS FROM COMMUNICABLE DISEASES

Reported Weekly by Local Boards of Health for the Year 1920

Month	Smallpox		Scarlet Fever		Diphtheria		Measles		Whooping Cough		Typhoid		Tuberculosis		Infantile Paralysis		Cerebro-spinal Meningitis		Syphilis	Gonorrhea	Chancroid	Influenza and Pneumonia		Acute Primary Pneumonia
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Cases	Cases	Cases	Deaths	Deaths
January	1188	6	642	21	636	70	1296	16	162	19	42	12	145	135	2	.....	8	7	112	94	3	69	24	297
February	883	9	646	24	551	84	1623	36	168	23	42	16	201	183	2	1	13	10	72	84	2	20158	1345	970
March	446	7	560	29	451	56	1256	23	136	31	27	7	213	173	.....	.....	1	1	64	77	2	3853	734	602
April	305	4	487	12	418	58	1618	27	135	17	33	14	223	193	.....	.....	7	5	93	137	7	177	143	302
May	290	.....	383	10	378	46	2264	45	99	12	41	12	237	127	1	1	8	7	81	107	3	61	53	293
June	349	.....	371	12	432	45	3613	22	151	15	31	12	220	184	2	1	9	9	167	183	4	49	39	260
July	142	.....	169	4	302	46	1419	15	106	5	35	8	161	82	2	.....	3	3	131	135	.....	9	9	116
August	171	.....	173	4	273	36	626	10	178	21	67	10	192	129	5	1	6	6	208	217	9	7	7	96
September	93	1	188	3	434	51	142	5	177	15	75	11	180	113	7	2	5	4	157	213	8	6	6	46
October	310	1	387	3	711	45	290	3	218	22	148	34	152	130	3	1	6	4	205	383	19	13	8	142
November	437	.....	413	11	666	43	303	1	177	14	113	21	145	99	6	4	4	4	219	259	16	37	31	116
December	555	5	1107	17	778	74	913	7	335	16	59	25	181	114	7	3	7	7	229	269	9	45	12	242
	5169	33	5130	150	5940	654	15423	210	2042	210	713	182	2259	1622*	37	14	77	67	1740	2158	82	24284	2411	3482

*Only about 85% of deaths are reported by Local Boards of Health.

Report of the Provincial Sanitary Engineer

F. A. DALLYN, C.E. Toronto

To the Chairman and Members of the Provincial Board of Health, Ontario.

Gentlemen,—I have the honour to submit the following report upon the work of your Sanitary Engineering Division for the year 1919. The following applications were received and approved:—

Waterworks extensions	97	certificates	$3,519,019.59
New supplies and equipment	7	"	800,769.00
Water purification (new)	9	"	693,171.00
Sewer extension	140	"	2,446,847.06
New sewer systems	7	"	317,966.60
Sewage disposal	2	"	81,886.25
Re Sewage	149		$2,846,699.91
Re Water	113		5,012,959.59
			$7,859,659.50

The total estimated cost of the work undertaken shows a further increase over last year, and represents the organized municipal effort to meet the unemployment situation by public works. The continuing high cost of materials of construction and for labour itself is putting a very heavy burden upon property owners in the local improvement rates, which in turn affects rentals, and new housing enterprises. The cost of local improvements are almost double the cost previous to the war in many municipalities. Despite this increased cost the number of municipalities undertaking new systems continues to increase, an evidence of the tendency of small urban centres towards improvement and extension of the amenities of life. The small suburban centre, with excellent transportation facilities, is at last realizing its share of the industrial expansions.

Table No. 1.—Typhoid Fever Death Rate Per 100,000 of Population
(Years 1910-1920)

Class Municipality	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910
Cities of Ontario	5.5	4.3	9.6	7.5	12.1	9.43	12.4	17.3	27.7	35.8	51.5
Towns	25.0	19.5	17.2	31.4	52.2	38.0	47.4	46.0	47.0	62.3	56.4
Counties	6.2	4.5	5.0	6.5	8.1	9.4	10.0	13.3	10.9	16.1	22.0
Province of Ontario	7.0	5.2	7.52	8.4	12.5	10.7	13.5	16.7	18.7	25.3	31.5
Registration Area		9.2	12.4	13.4	13.3	12.4	15.4	17.9	16.5	21.0	23.5
United States											
Quebec Province			17	29.5	24.2	21.4	19.9	19.0	24.3	34.0	27.0

¶ The fact that the employment situation, whilst easier in larger centres is accompanied by an expensive procession of new hands all requiring lost time for instruction makes employers turn more than ever to smaller centres where housing accommodation can be had, and where the temptation for well paid laborers to shift about is not present to the same extent.

Table No. 2.—Typhoid Fever Death Rate 100,000 Population
Cities (Years 1910-1920)

	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910
Belleville	26	0	0	26	81	63	17	18	37	19	50
Brantford	6	0	14	10	24	11	24	17	77	72	24
Chatham	19	26	183	21	46	8	16	58	44	30	39
Ft. William	5	5	0	0	9	22	21	30	33	35	83
Galt	0	0	0	0	25	0	17	27	19	31	42
Guelph	0	6	6	6	0	12	12	6	6	13	27
Hamilton	9	2	5	4	4	6	7	14	8	24	15
Kingston	7	8	22	9	5	28	43	25	32	26	78
Kitchener	0	5	10	5	0	5	11	6	19	7	43
London	3	2	2	5	2	0	9	3	10	17	4
Niagara Falls	20	0	8	8	27	9	34	85	44	90	60
Ottawa	9	6	6	5	18	24	17	19	108	101	28
Peterborough	0	5	8	0	14	14	25	10	10	17	29
Port Arthur	26	0	0	20	21	5	50	146	163	121	178
St. Catharines	0	5	10	6	22	0	6	27	22	71	24
St. Thomas	0	12	35	31	29	29	0	50	19	19	20
Sarnia	21	8	41	62	60	34	26	45	139	148	101
Sault Ste. Marie	14	5	26	46	31	24	84	127	85	280	154
Stratford	0	0	0	0	12	17	6	6	20	13	34
Toronto	2	2	3	4	7	2	9	13	14	24	46
Welland	21	20	68	172	83	14	82	128	39	58	85
Windsor	8	20	18	38	29	35	27	10	38	34	49
Woodstock	0	20	10	10	28	10	0	10	30	42	21

In order to attract skilled labour the necessities of pure water and sewage accommodation was never more apparent than today. The improvement of the small town, the development of parks and community centres, the extension of waterworks and sewerage, the building of houses with modern conveniences are today of the greatest importance if the national character is to be maintained against the insidious influences which follow the absorption of foreign immigration and the expansion of industry.

The surveys with respect to the use of public utilities by the older premises in small towns has progressed during the year most satisfactorily.

Table No. 3.—Typhoid Fever Death Rate Per 100,000 Population
Towns (Years 1910-1920)

	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910
Barrie	29	15	0	29	0	28	0	15	46	15	91
Brockville	22	11	10	10	0	162	72	10	64	42	11
Cobalt	0	0	0	17	60	56	62	19	64	63	349
Collingwood	0	15	0	46	0	31	30	106	14	41	79
Cornwall	144	0	14	123	69	77	30	15	62	48	64
Ingersoll	19	0	39	0	0	38	39	0	21	21	0
Kenora	0	0	51	15	0	19	19	57	38	20	95
Lindsay	27	40	27	0	0	0	41	41	41	27	65
Midland	0	0	0	0	0	0	80	16	62	23	0
North Bay	28	22	12	23	10	40	29	23	38	89	113
Orillia	0	12	11	53	13	13	15	46	52	70	52
Oshawa	8	0	10	0	24	0	12	25	54	32	96
Owen Sound	0	8	8	17	50	0	16	24	8	16	16
Parry Sound	0	20	17	0	425	107	121	188	127	165	82
Pembroke	26	65	24	0	55	39	54	89	56	130	127
Renfrew	0	17	15	54	23	48	0	0	50	55	54
Smith's Falls	14	0	0	31	25	16	15	0	45	16	50
*Sudbury	114	114	130	118	125	62	240	380	320	530	390
Trenton	0	0	25	38	20	20	0	0	27	27	24
Walkerville	13	16	17	0	0	0	0	25	56	30	0

*Important Hospital Centres.

It is proposed to continue the work during the year 1921 as soon as the university session is over, and the samples, etc., collected can be shipped without danger of freezing.

The situation of the urban centres of the province with respect to protection of the water supply was briefly outlined in last year's report. The statistics of the incidence of typhoid fever (Tables Nos. 1, 2 and 3) continue to show that the transference of the disease by municipal water systems has become a minor factor. It must be borne in mind, however, that reduction of deaths from this cause is largely the result of the general control and reduction in the number of infected persons, and situations where potent danger is evident do not get infected as often as before. In some municipalities the water supply continues to be of unsatisfactory quality, and unless municipal councils are pressed by the local boards and the citizens generally, no funds will be spent upon the needed improvements. Citizens seldom realize that municipal councils find their justification for expenditure of public money *in expressed public sentiment*. Since the members naturally seek re-election it follows that the expressed wish of the electors must have great weight.

F. A. DALLYN.

CERTIFICATES ISSUED RE WATER MAINS, PURIFICATION, ETC., FOR THE YEAR 1920

Municipality	No. of Certificates	Extensions	Purification	New
Alexandria	1	$1,400 00		
Bridgeburg	1	15,000 00		
Brampton	2		$47,000 00	
Brantford	1	186,331 44		
Brockville	1	14,033 52		
Courtwright	1			$16,719 00
Elmira	2		5,200 00	
Fort Francis	1	1,459 52		
Georgetown	1			
Gravenhurst	1	6,452 60		
Hamilton	8	256,329 95		
Hanover	1	66,612 00		
Hawkesbury	1	31,221 41		
Jordan	1 (Dom. Canrs. Filter)			
Kenora	1	18,000 00		
Kincardine	1	13,000 00		
Kingston	1	7,067 00		
Kitchener	3	49,314 80		
Lindsay	1	15,922 59		
Listowel	1	4,807 90		
London	1	85,000 00		
Napanee	1			85,000 00
New Liskeard	1	6,602 00		
Newmarket	1			20,000 00
New Toronto	1	88,830 00		
Oshawa	5	332,406 00		
Pembroke	2	34,024 00		
Peterborough	3	9,099 36	350,000 00	
Picton	3	6,137 00		
Port Dalhousie	1			117,600 00
Preston	2	7,157 13		
Rainy River	1	9,000 00		
Renfrew	1	3,042 00		
Richmond Hill	1			95,000 00
St. Catharines	1	11,312 46		
St. Mary's	1	6,000 00		
St. Thomas	2		290,971 00	
Sandwich	7	32,129 47		
Sandwich East	6	81,237 79		
Sarnia	5	111,000 00		
Scarborough Twp.	1			210,000 00
Stamford Twp.	1	90,000 00		
Stratford	2	6,786 08		
Sudbury	2	32,085 47		
Toronto	2	279,528 94		
Trenton	1			256,450 00
Waterloo	1	46,296 31		
Watford	1	63,360 00		
Welland	1	5,850 10		
Whitby	1	1,498 00		
Windsor	1	200,000 00		
York Twp.	21	1,283,684 75		
	112	$3,519,019 59	$693,171 00	$800,769 00

Summary

Extensions	$3 519,019 59
Purification	693,171 00
New	800,769 00
	$5,012,959 59

CERTIFICATES ISSUED RE SEWER EXTENSIONS, DISPOSAL WORKS AND NEW SEWERS IN 1920

Municipality	No. of Certificates	Extensions	Disposal	New
Amherstburg	3	$50,606 56		
Anderdon Twp.	1			$18,947 00
Belleville	4	84,976 65		
Brantford	3	16,041 00		
Brockville	1	69,128 00		
Burlington	1	13,155 00		
Campbellford	1	4,609 14		
Chatham	2	3,190 40		
Cornwall	2	1,369 00		
Eastview	1	29,506 78		
Elmira	1			26,334 60
Ford City	2	580,88 47		
Fort Frances	1	786 48		
Fort William	2	8,771 68		
Goderich	2	3,125 00		
Grimsby	1		Disposal	
Guelph	2		81,886 25	
Hamilton	9	160,218 88		
Hawkesbury	1	33,475 04		
Kingston	5	26,566 20		
Lindsay	6	30,764 70		
London	6	23,829 03		
Midland	2	13,859 10		
Newmarket	1			50,000 00
New Toronto	1	10,830 00		
Niagara Falls	4	257,720 28		
North Bay	2	16,829 00		
Orillia	1	2,553 73		
Oshawa	2	46,090 00		
Ottawa	18	123,197 09		
Penetang	4	6,759 63		
Perth	3	2,012 44		
Peterborough	2	1,068 45	Disposal	
Port Dalhousie	1			49,000 00
Port Dover	1			32,000 00
Preston	1	5,108 60		
St. Catharines	4	10,675 02		
Sandwich	8	23,834 13		
Sandwich East	2	475,447 24		
Sarnia	6	28,105 95		
Sault Ste. Marie	1	2,804 90		
Smith's Falls	2	7,413 00		
Stamford Twp.	1	1,500 00		
Sturgeon Falls	2			116,800 00
Sudbury	2	31,608 09		
Thorold	1	2,340 00		
Toronto	7	411,087 99		
Walkerville	3	95,282 48		
Welland	2	6,924 50		
Whitby	1	1,784 95		
Windsor	8	198,802 48		
Woodstock	1	45,000 00		
York Township	2			24,885 00
	151	$2,446,847 06	$81,886 25	$317,966 60

Summary

Extensions	$2,446,847 06
Disposal Works	81,886 25
New	317,966 60
	$2,846,699 91

Effect of Periods of Non-Aeration on the Activated Sludge Process of Sewage Purification

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One of the most frequently voiced objections against the adoption of the activated sludge process of sewage purification by urban municipalities, is the alleged high cost of operation. This cost is mainly made up with power charges for operating compressors, the process being one which requires from .6 to 1.5 cubic feet of free air per gallon of sewage treated.

Urban municipalities throughout the Province using Hydro power pay for the highest peak load extending over a period of twenty minutes on any day of the month. Obviously the ideal condition for the municipality is to either resell or utilize power so as to maintain an average load which will, as closely as possible, approximate the peak. This is rarely the case in the smaller municipalities on account of the fact that the load carried may be roughly divided into three classes, viz.: industrial, lighting and domestic. An adverse combination of any two or all three will result in a high peak. As a rule the average load is considerably less than the peak.

TABLE NO. 1.

DAILY NON-AERATION NECESSARY TO AVOID UNCONTROLLABLE MONTHLY PEAK—MARCH, 1920

Day of Month	30 H.P. Unit — Required Hours of Non-aeration A.M.	30 H.P. Unit — Required Hours of Non-aeration P.M.	60 H.P. Unit — Required Hours of Non-aeration A.M.	60 H.P. Unit — Required Hours of Non-aeration P.M.
1	Nil	Nil	Nil	Nil
2	"	"	"	"
3	0.67	"	1.17	0.75
4	Nil	"	Nil	0.67
5	"	"	"	0.33
6	"	"	"	Nil
7	"	"	"	"
8	0.50	"	1.00	"
9	Nil	"	1.83	"
10	"	"	1.00	"
11	0.50	0.25	0.83	1.42
12	Nil	Nil	Nil	Nil
13	"	"	"	"
14	"	"	"	"
15	"	0.67	"	1.17
16	"	2.00	0.83	2.83
17	1.17	1.67	1.83	2.33
18	Nil	1.33	Nil	2.67
19	"	0.33	1.33	0.33
20	"	Nil	Nil	Nil
21	"	"	"	"
22	"	"	"	0.50
23	"	"	"	Nil
24	1.67	"	2.33	Nil
25	0.50	"	1.83	0.50
26	0.33	"	0.83	Nil
27	Nil	"	1.25	"
28	"	"	Nil	"
29	1.00	1.83	2.50	3.83
30	2.00	Nil	2.50	Nil
31	2.00	0.83	3.33	2.83
Total.....	19.25 hours		44.58 hours	

An analysis of the daily power charts of a typical small municipality (Brampton) for the months of the year 1920 in which the maximum and minimum peakloads occurred, was made to determine the number of hours it would be necessary to pull units utilizing 30 and 60 h.p. respectively, in order to avoid creating a further peak. This analysis showed that for two months, in which the peak was at the maximum and minimum registered for the year, the maximum duration of continuous stoppage required to keep off the peak, appears to have been 2.00 and 3.83 hours respectively.

TABLE NO. 2.

DAILY NON-AERATION NECESSARY TO AVOID UNCONTROLLABLE MONTHLY PEAK—NOVEMBER, 1920

Day of Month	30 H.P. Unit		60 H.P. Unit	
	Required Hours of Non-Aeration		Required Hours of Non-Aeration	
	A.M.	P.M.	A.M.	P.M.
1	0.33	1.00	0.67	1.83
2	0.50	0.67	1.17	1.00
3	Nil	1.17	Nil	1.17
4	"	"	"	Nil
5	"	"	"	"
6	0.33	"	0.41	"
7	Nil	"	Nil	"
8	"	0.67	"	0.67
9	0.83	1.17	1.33	2.00
10	Nil	0 67	Nil	1.00
11	"	0.67	"	1.00
12	"	Nil	"	1.00
13	"	"	"	Nil
14	"	"	"	"
15	"	0.33	"	0.67
16	"	0.83	"	2.17
17	"	Nil	"	0.33
18	"	"	"	Nil
19	"	"	"	1.00
20	"	"	"	Nil
21	"	"	"	"
22	"	"	0.33	"
23	"	0.33	Nil	1.33
24	"	0.50	"	1.50
25	"	0.83	"	2.00
26	"	1.00	"	1.58
27	"	Nil	"	Nil
28	"	"	"	"
29	"	0.33	0.67	1.17
30	"	1.00	Nil	1.17
Total.....	13.16 hours		27.17 hours	

The effect of these stoppages does not represent any serious interruption to the sewage purification process (see experiments page 128), therefore the operating problem is to keep off the peak load. This would be a simple matter if the peak were reached at the same hour during the month. Such, however, is not the case. The accompanying table No. 3, giving the day of the month and the hour at which the peak occurred for the year 1920 for Brampton, illustrates the extreme irregularity of the peak. It would be impossible then to arbitrarily set certain non-aeration periods unless that period covered the whole time during which the peak was likely to occur. A stoppage period of this length would be unwise, particularly as it would take place when the strongest sewage was passing through the plant and, therefore, at a time when the greatest possible aeration is needed.

TABLE NO. 3.

HYDRO POWER PEAK LOADS FOR THE TOWN OF BRAMPTON DURING 1920

Day of Month	Time	Peak load H.P.
Jan. 7	5.20 P.M.	860
Feb. 4	9.20 A.M.	781
Mar. 17	3.20 P.M.	760
Apr. 27	11.25 A.M.	898
May 13	3.22 P.M.	809
June 11	11.30 A.M.	898
July 10	10.35 A.M	840
Aug. 25	10.58 A.M.	919
Sept. 29	8.15 A.M.	919
Oct. 26	4.45 P.M	965
Nov. 26	5.08 P.M	970
Dec. 1	4.38 P.M.	905

The most satisfactory arrangement appears to be the installation of an automatic control device,which could cut off the current to the motor operating the compressor when the load approached the peak,and which could complete the circuit again as soon as the load dropped sufficiently.

TABLE NO. 4.

HOUR AND PERIOD OF NON-AERATION REQUIRED TO AVOID THE PEAK LOAD IN THE TOWN OF BRAMPTON, 1920 FOR MAXIMUM MONTHLY PEAK LOAD

Date March	30 H.P. A.M.	30 H.P. P.M.	60 H.P. A.M.	60 H.P. P.M.
1	.....	.....	.....	.....
2	.....	.....	.....	.....
3	8.40- 9.20	.....	8.20- 9.30	4.15- 5.00
4	.....	.....	.....	4.20- 5.00
5	.....	.....	.....	3.00- 3.20
6	.....	.....	.....	.....
7	.....	.....	.....	.....
8	11.00-11.30)	.....)	9.50-10.20)	.....)
	)	)	11.00-11.30)	)
9	.....	.....	9.10-11.00	.....
10	.....	.....	10.40-11.40	.....
11	10.20-10.50)	3.10- 3.25)	10.10-11.00)	3.10- 3.25)
	)	)	)	4.20- 5.30)
12	.....	.....	.....	.....
13	.....	.....	.....	.....
14	.....	.....	.....	.....
15	.....	4.20- 5.00	.....	3.50- 5.00
16	.....	3.00- 5.00	10.30-11.20	2.40- 5.30
17	10.20-10.40)	2.40- 4.20)	10.20-10.40)	2.10- 4.30)
	11.05-11.55)	)	11.05-11.55)	)
	)	)	8.10- 8.50)	)
18	.....	2.40- 4.20	.....	2.00- 4.40
19	.....	4.00- 4.20	10.00-11.20	4.00- 4.20
20	.....	.....	.....	.....
21	.....	.....	.....	.....
22	.....	.....	.....	4.40- 5.10
23	.....	.....	.....	.....
24	10.00-11.40)	.....)	8.30- 9.00)	.....)
	)	)	10.00-11.50)	)
25	11.00-11.30	.....	9.40-11.30	4.00- 4.30
26	11.40-12.00	.....	10.10-12.00	.....
27	.....	.....	.....	.....
28	.....	.....	.....	.....
29	10.00-11.00	3.40—4.50	9.00-11.30	1.00- 4.50
30	9.00-11.00	.....	9.00-11.20	.....
31	8.30- 9.40)	3.40- 4.30)	8.30-11.50)	2.20- 5.00)
	11.00-11.50)	)	)	)
	20 Stoppages		32 Stoppages	

Maximum monthly peak load refers to the month of the year which shows the greatest peak load.

TABLE NO. 5.

HOUR AND PERIOD OF NON-AERATION REQUIRED TO AVOID THE PEAK LOAD IN THE TOWN OF BRAMPTON, 1920 FOR MINIMUM MONTHLY PEAK LOAD

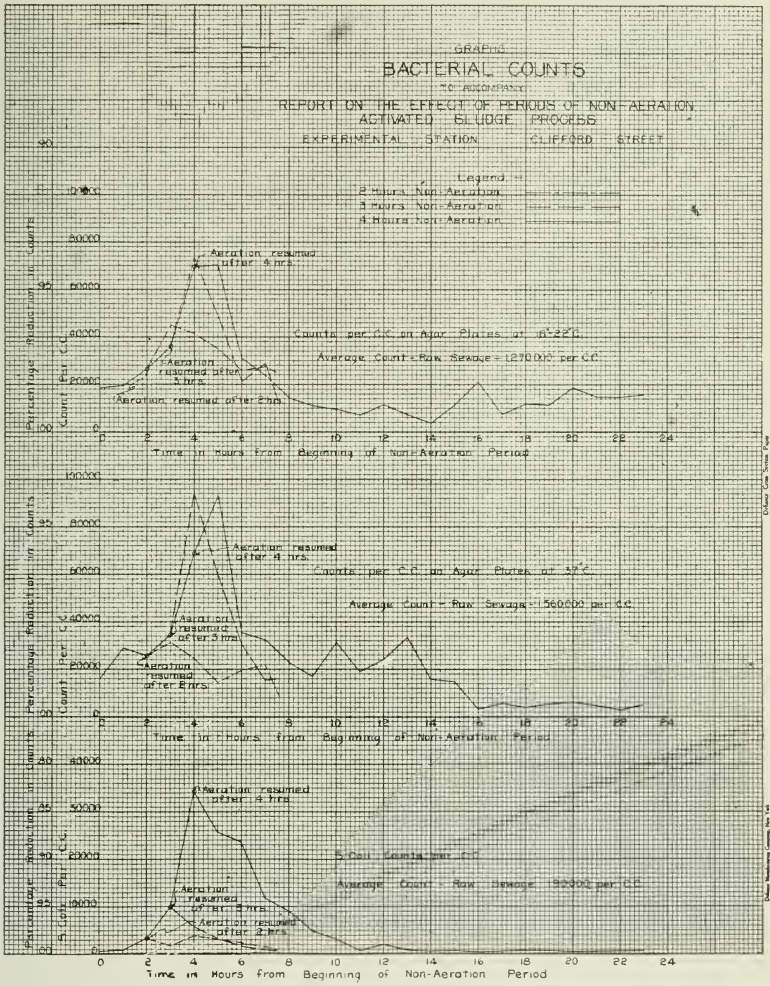
Date Nov. 1	30 H.P.		60 H.P.	
	A.M.	P.M.	A.M.	P.M.
1	9.40-10.00	4.00- 5.00	8.00- 8.20	3.10- 5.00
			9.40-10.00	
2	8.30- 9.00	4.40- 5.00	8.30- 9.20	4.50—5.50
		5.30- 5.50	11.20-11.40	
3	.....	3.20- 4.30	.....	3.20- 4.30
4	.....	.....	.....	.....
5	.....	.....	.....	.....
6	8.20- 8.40	.....	8.15- 8.40	.....
7	.....	.....	.....	.....
8	.....	5.20- 6.00	.....	5.20- 6.00
9	8.30- 9.00	4.20- 5.30	8.30- 9.00	4.00- 6.00
	9.40-10.00		9.30-10.20	
10	.....	5.00- 5.40	.....	5.00- 6.00
11	.....	4.40- 5.00	.....	4.40- 5.40
		5.20- 5.40		
12	.....	.....	5.30- 5.50	2.50- 3.10
				4.40- 5.00
13	.....	.....	.....	.....
14	.....	.....	.....	.....
15	.....	3.00- 3.20	.....	3.00- 3.40
16	.....	3.50- 4.40	.....	3.30- 5.00
				5.20- 6.00
17	.....	.....	.....	5.20- 5.40
18	.....	.....	.....	.....
19	.....	.....	.....	5.10- 6.10
20	.....	.....	.....	.....
21	.....	.....	.....	.....
22	.....	.....	9.40-10.00	.....
23	.....	5.20- 5.40	.....	3.40- 4.20
				5.20- 6.00
24	.....	4.30- 5.00	.....	4.20- 5.50
25	.....	4.30- 5.00	.....	3.50- 5.50
		5.20- 5.40		
26	.....	4.40- 5.40	.....	4.15- 5.50
27	.....	.....	.....	.....
28	.....	.....	.....	.....
29	.....	5.00- 5.20	10.20-11.00	4.30- 4.50
				5.00- 5.50
30	.....	4.10- 4.50	.....	4.00- 4.50
		5.10- 5.30		5.10- 5.30
	24 Stoppages		33 Stoppages	

Minimum monthly peak load refers to the month of the year which shows the lowest peak load

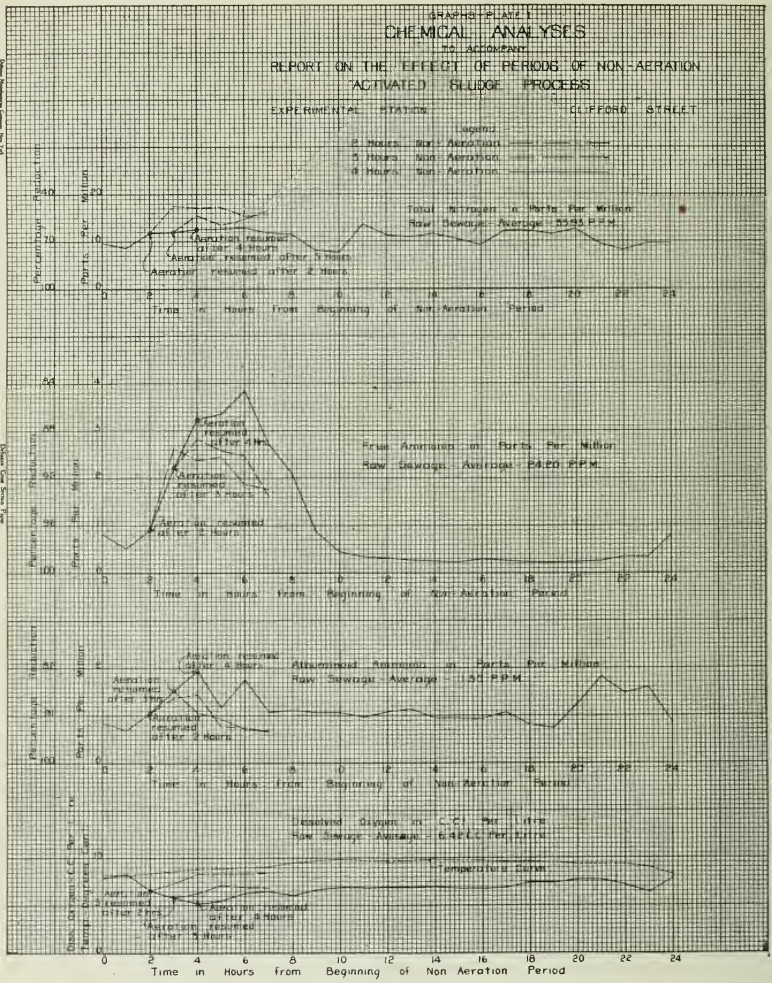
Generally speaking, the efficient operation of the activated sludge process depends entirely upon the continuity of aeration and the introduction of stoppage periods does undoubtedly cause some loss in efficiency. To determine just how great this effect would be, a series of experiments were carried out with the assistance of other members of the staff of the Experimental Station, Clifford Street, using the experimental activated sludge plant. This plant is of the continuous flow type, the raw sewage being pumped from one of the city's interceptor sewers. During the tests the flow was maintained as nearly constant as possible. The period of storage is approximately four hours in the aeration tank and twenty minutes in the settling chamber.

Three day tests from 9.30 a.m. to 4.30 p.m. were run with non-aeration periods of two, three and four hours. The results of these tests indicated that the operation of the plant did not return to normal at 4.30 p.m., so it was decided to carry the test over the 24 hour cycle with a four hour period of non-aeration. The four-hour stoppage was chosen as it represented the worst permissible condition, in that it would be inadvisable to allow a period of non-aeration greater than the storage period of the tank. On April 11th, 12th and 13th a 48-hour run was completed.

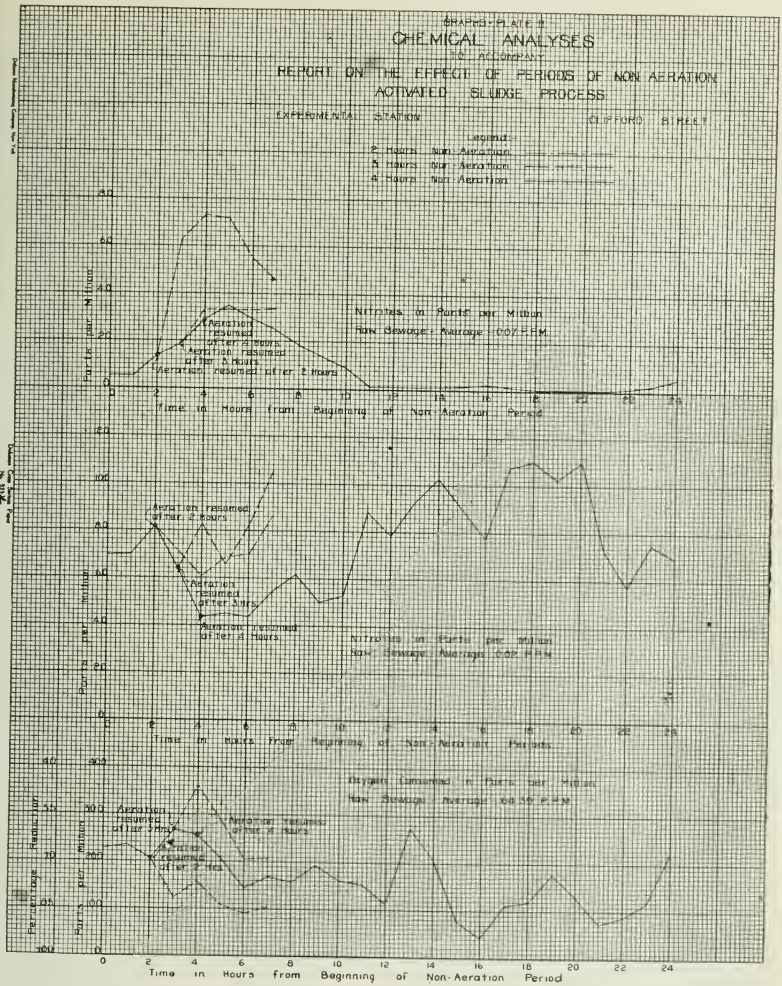
The tests involved both a chemical and a bacteriological analysis of the effluent and the raw sewage. Samples for bacteriological examination were taken at 15 minute intervals on the effluent, and hourly on the raw. 18-20°c and 37°c plates on plain agar with incubation periods of 48 and 24 hours respectively were made, and a test of B. Coli using safranin lactose broth was run on each sample. Samples for chemical analysis were taken half hourly on the effluent, while composite samples of the raw sewage, extending over six hours were analyzed. The chemical analysis involved the determination of the free and alb. ammonia, nitrites, nitrates, oxygen consumed, dissolved oxygen and temperature of each sample. The results obtained from all tests have been averaged for each hour, and an attempt made to illustrate graphically on the accompanying sheets, the variations that may be expected under the different periods of non-aeration under which tests were run.


GRAPH
BACTERIAL COUNTS
REPORT ON THE EFFECT OF PERIODS OF NON-AERATION
ACTIVATED SLUDGE PROCESS
EXPERIMENTAL STATION CLIFFORD STREET
Legend
2 Hours Non-Aeration
3 Hours Non-Aeration
4 Hours Non-Aeration
Counts per C.C. on Agar Plates at 18-22°C.
Average Count - Raw Sewage = 1270000 per C.C.
Aeration resumed after 4 hrs.
Aeration resumed after 3 hrs.
Aeration resumed after 2 hrs.
Percentage Reduction in Counts
Count Per C.C.
Time in Hours from Beginning of Non-Aeration Period
Counts per C.C. on Agar Plates at 37°C.
Average Count - Raw Sewage - 560000 per C.C.
B. Coli Counts per C.C.
Average Count - Raw Sewage 92300 per C.C.

The graphs showing the count per cc. on hot and cold plates, though rather irregular, illustrate fairly well the definite increase in the bacterial count during the period of non-aeration and the equally decided decrease on resuming the operation of the air compressor. The curve illustrating the B. Coli per cc. indicates remarkably well the probable decrease in the efficiency of the plant in the removal of pathogenic bacteria as the period of non-aeration lengthens. Apparently from a bacteriological standpoint with a four-hour stoppage, the plant is back to normal in about six hours after aeration is resumed.


GRAPHS - PLATE I
CHEMICAL ANALYSES
TO ACCOMPANY
REPORT ON THE EFFECT OF PERIODS OF NON-AERATION
ACTIVATED SLUDGE PROCESS
EXPERIMENTAL STATION CLIFFORD STREET
Legend
2 Hours Non Aeration
5 Hours Non Aeration
8 Hours Non Aeration
Total Nitrogen in Parts Per Million
Raw Sewage Average 35.95 P.P.M.
Aeration resumed after 8 Hours
Aeration resumed after 5 Hours
Aeration resumed after 2 Hours
Time in Hours from Beginning of Non Aeration Period
Free Ammonia in Parts Per Million
Raw Sewage Average 24.20 P.P.M.
Aeration resumed after 8 Hours
Aeration resumed after 5 Hours
Aeration resumed after 2 Hours
Time in Hours from Beginning of Non Aeration Period
Albuminoid Ammonia in Parts Per Million
Raw Sewage Average 3.01 P.P.M.
Aeration resumed after 8 Hours
Aeration resumed after 5 Hours
Aeration resumed after 2 Hours
Time in Hours from Beginning of Non Aeration Period
Dissolved Oxygen in C.C. Per Litre
Raw Sewage Average 6.42 C.C. Per Litre
Temperature Curve
Aeration resumed after 8 Hours
Aeration resumed after 5 Hours
Aeration resumed after 2 Hours
Time in Hours from Beginning of Non Aeration Period

The recovery from a chemical standpoint is not quite so rapid. The free ammonia nitrite and nitrate graphs for the four hour stoppage are quite regular, and indicate a recovery in seven hours after the resumption of aeration. Recovery in the alb. ammonia curve is apparent in about three hours, and in the dissolved oxygen in two hours. The oxygen consumed graph is very irregular and should be studied in conjunction with the suspended solids. Unfortunately it was impossible to determine total and suspended solids along with the other tests. Obviously though, turbidity in the effluent will cause an increase in the oxygen consumed. The tests with a two and three hour stoppage have not been carried on long enough to make any definite statements in regard to final recovery.


GRAPH - PLATE II
CHEMICAL ANALYSES
TO ACCOMPANY
REPORT ON THE EFFECT OF PERIODS OF NON AERATION
ACTIVATED SLUDGE PROCESS
EXPERIMENTAL STATION
CLIFFORD BIRKETT
Legend:
2 Hours Non-Aeration
5 Hours Non-Aeration
8 Hours Non-Aeration
Nitrates in Parts per Million
Raw Sewage - Average 1.007 P.P.M.
Aeration resumed after 2 Hours
Aeration resumed after 5 Hours
Aeration resumed after 8 Hours
Time in Hours from Beginning of Non-Aeration Period
Nitrites in Parts per Million
Raw Sewage Average 0.07 P.P.M.
Oxygen Consumed in Parts per Million
Raw Sewage Average 100.56 P.P.M.

A further series of tests were carried on to investigate the effect of chlorination on the effluent during the stoppage period. Five and ten parts per million of chlorine were used and storage periods of fifteen and thirty minutes adopted. 18-22°c., and 37°c. plates on plain agar agar and B. Coli tests to one one hundred thousandths cc. were run on all chlorinated samples. The following table gives an average of the efficiency obtained on all samples.

TABLE NO. 6.

P.P.M. Cl	Storage Period	Efficiency (Average 19-22c.	37c.	B. Coli	Number of Samples
5	15 Min	81.6%	65.7%	44.3	27
5	30 "	94.4%	82.9%	65.8	27
10	15 "	85.4%	78.2%	48.0	27
10	30 "	96 5%	86.5%	96.0	27

Apparently chlorine is not particularly efficient with an effluent of this character

REPORT ON THE FERTILIZER VALUE OF

ACTIVATED SLUDGE

by

H.D. BROWN, B.A.,M.Sc.

PREFACE by F. A. DALLYN, B.A.Sc., C.E., M.E.I.C.

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PREFACE

F. A. Dallyn, C. E., Chief Division of Sanitary Engineering

The experiments which were conducted by Mr. Brown, and are reported upon in the accompanying article deal with one phase of the sewage sludge disposal problem, the utilization of an otherwise waste material, realizing for it a market and return, which in a large measure, would meet the cost of disposing of an otherwise troublesome product. Various chemists and agriculturists have from time to time, advocated the recovering of nitrogen from excremental matter, and unattractive as the industry may appear, it has progressed on a considerable scale in both China and in France. The practice of water carriage of sewage in the modern city does away with the possibility of a direct recovery from the solid excremental matter and the recovery can only take place through the development of some system of sewage disposal designed with that end in view. The activated sludge method which has been developed within the past five years holds out the greatest promise for this purpose. It is estimated that by this method approximately 15.4% of the total available nitrogen present in the solid and liquid excrement may be recovered as fertilizer base. Tables Nos. 1, 2 and 3 may be used to arrive at this figure.

TABLE NO. 1—WEIGHT IN POUNDS OF THE SOLID AND LIQUID EXCREMENTS PER CAPITA OF URBAN POPULATION PER YEAR

FÆCES			URINE		
Total	Organic Nitrogen N.H. 3	Phos-phates	Total	Organic Nitrogen N.H. 3	Phos-phates
72	1.07	1.50	941	8.43	3.78

Total recovery possible, approx. 1 lb. per Capita per year.
50,000 Tons of N.H. 3.

TABLE NO. 2.—NITROGEN CONTENT OF ACTIVATED SLUDGE

Authority	Dry Bases	10% Moisture
Edward Bartow—Aug. 27th, 1915	4.0 - 6.4	
W. R. Copeland—Dec. 31st, 1915	.....	3.5 - 7.4
W. D. Richardson—Dec., 1916	4.0 - 5.5	.....
River Department—City of Manchester, 1918	6.4	.....
Experiment Station P.B. of H. Ontario, 1920	.....	3.5 - 6.0

TABLE NO. 3—QUANTITY OF ACTIVATED SLUDGE PER MILLION GALLONS URBAN SEWAGE (Dry Basis)

William R. Copeland, Milwaukee, 1915	1000 pounds
City of Manchester—Annual Report, 1918	1000 pounds

In Canada approximately 60.1%. of the population is urban. In Ontario, according to the municipal census of 1920, 62.3% of the population is urban. The activated sludge process of sewage disposal therefore holds out at the present time, the greatest promise of any process of returning to the land those nitrogenous compounds so essential for soil productivity.

In conjunction with Mr. Brown's report, tables No. 4 and No. 5 are of interest, as showing the relativity of the several nitrogenous fertilizers in agriculture.

The three principal components of Fertilizers in various manures and fertilizer material

TABLE NO. 4—COMPARATIVE YIELDS WITH NITROGENOUS FERTILIZERS AT ROTHAMSTEAD, 1909–1914

(Chile Nitrate 100)

Crop	Chile Nitrate	Amm. Sulphate	Calcium Cyanamide	Nitrate of Lime	No. 5 Nitrogen
Barley (Little Hoosfield, 1919)					
Grain	100	102	94	96	59
Straw	100	90	102	114	67
Marigolds (Little Hoosfield, 1911)	100	76	72	82	63
L. Knott Wood, 1912	100	.....	.....	100	62
Wheat (Little Hoosfield, 1910)					
Grain	100	91	83	76	57
Straw	100	79	62	96	40
Hay (Great Field, 1914)	100	.....	83	.....	68

TABLE NO. 5—PERCENTAGE ON DRIED BASIS

Source of Fertilizer value	Fresh Fæces			Fresh Urine		
	Nitrogen	Phosphate	Potash	Nitrogen	Phosphate	Potash
1. Horse Manure	4.4	3.5	3.5	15.5	.....	15.0
2. Cow Manure	2.9	1.7	1.0	5.8	.....	4.9
3. Sheep Manure	5.5	3.1	1.5	19.5	0.1	22.6
4. Swine Manure	6.0	4.1	2.6	4.3	0.7	8.3
5. Mixture of above	4.7	3.1	2.17	11.25	0.2	12.7
6. Human Excreta	10.0	11.0	2.5	6.0	1.7	2.0

Commercial and Non Commercial Sources	Fertilizer Components		
	Nitrogen	Phosphate	Potash
7. Dried garbage tankage residue	3.20	1.68	1.20
8. Ashes from garbage incinerators	.....	2.71	2.0
9. Residue from destructive Distillation of Sludge	0	1.14	0
10. Tankage Abattoirs (Availability slow)	10.5	.....	.....
11. Dried Blood Abattoirs (Availability rapid)	16.5	.....	.....
12. Cotton Seed Meal (long growing crops)	4.8	2.88	1.77
13. Fish Scrap (Menhaden average dry)	11	16	.....
14. Fish Scrap Acidulated (Compared with dried blood slow)	6	3	.....
15. Basic Slag (four lime phosphate)	.....	15-19	.....
16. Acid Phosphate (monocalcic phosphate)	.....	16-18	.....
17. Potassium Carbonate, Sulphate and Muriate (only valuable)	.....	.....	50.0
18. Nitrate of Soda (commercial)	15.65	.....	.....
19. Calcium Cyanamide	15.19	.....	.....
20. Sulphate of Ammonia	20.55	.....	.....

Orchard Fertilizers

Canada has never presented a very large market for nitrogenous fertilizers in spite of its well known position as one of the world's leading producers of wheat and oats. The reason for this is apparent when one appreciates the rapidity with which the area under cultivation has been extended by the opening up of vast tracts of virgin land in the west. There is little question however, but in the course of time the use of fertilizers will have to become general, if the productive areas in the vicinity of the large urban centres are to be maintained, and this applies especially to the Niagara Peninsula and in the Valley of the Fraser River, and while there may be no immediate prospect of a large demand for nitrogenous fertilizers in Canada, the future requirements should be considerable.

The situation in the United States is possibly somewhat different to that in Canada, owing to the fact that in that country there has developed (both for home and foreign markets), a considerable production of organic ammoniates for fertilizing purposes. These are obtained principally from cotton seed meal, abattoir and proprietary tankage, dried blood, waste leather, etc., and fish scrap all of domestic origin. The production of cotton seed meal in that country seems to be the determining factor in the price of nitrogenous fertilizers, constituting as it does such a large proportion of the organic ammoniate used.

In recent years all of the five large packers, as well as several others are engaged in preparing animal foods from selected tankage. The importance of this animal food industry is illustrated by the fact that during 1913, Messrs. Swift & Company produced a greater quantity of animal foods than they did of tankage. The export of cotton seed meal for stock feeding has also considerable influence upon the price of the home product.

TABLE NO. 6—WORLD'S PRE-WAR PRODUCTION OF COMBINED NITROGEN

Product	Metric Tons of Product		
	1910	1911	1912
Chile Nitrate	2,465,415	2,522,120	2,586,975
Am. Sulphate	1,053,994	1,198,363	1,327,508
Calcium Cyanamide	30,000	52,000	Approx. 50,000 tons 95,000
Nitrate of Lime	25,000	50,000	75,000
Total	3,574,409	3,822,483	4,084,483

TABLE NO. 7 WORLD'S PRE-WAR CONSUMPTION OF COMBINED NITROGEN

Product	Metric tons of Product		
	1910	1911	1912
Chile Nitrate	2,359,652	2,401,392	2,530,645
Ammonium Sulphate	1,000,000	1,000,000	1,200,000
Synthetic Products	50,000	75,000	150,000
Total	3,409,652	3,476,392	3,880,645

Approximately 40% of the world's total production of fixed nitrogen is devoted to nitrogenous fertilizers. The industry is one of great magnitude; this is shown by Tables Nos. 6 and 7. In a report made by the agricultural department of Reconstruction Committee, 1918, it is pointed out that all sources of nitrogen supply must be tapped to the fullest extent, and the hope was expressed that the resources at the command of the British Government in the matter of nitrogenous fertilizers may be so developed as to render that country (England and Wales) in the event of another war, independent of further supplies.

The use of nitrogenous fertilizers both on this continent and in continental Europe has been greatly stimulated by reason of the policy of food production so much in evidence during the war. Responsible authorities predict that the sale of nitrogenous fertilizers in the British Isles will, in a very short space of time, quadruple that sold before the war, especially if international competition should make available combined nitrogen in marketable form at somewhat cheaper rates than have held hitherto.

The production costs have been indicated at some length in the report of the Nitrogen Products Committee, and are shown in Table No. 8. The limitations surrounding the different processes are not pertinent to this report, but the primary product is shown as underlined in Table No. 8.

TABLE NO. 8.—PRODUCTION COSTS OF NITROGEN COMPOUNDS

Initial Process or Product	Cost of Combined Nitrogen in Form Specified and of Product.							
	1	2	3	4	5	6	7	8
	Pure Ammonia 100% liquor 20–25% N.H. 3	Ammonium Sulphate 25% N.H. 3 Packed	Calcium Cyanamide 19.5 per per cent. N.	H.N.O.3 Calculated in 100% diluted acid	H.N.O.3 Calculated as 100% concentrated acid	Nitrate of Lime 13% N Packed	Sodium Nitrate 15.6–15.65 per cent. N Packed	Ammonium Nitrate 35 per cent. N.
Chile Nitrate								
Based on (1911-1913)	.....	.....	.....	.....	100.48	.....	67.21	84.56
Market Price England & Wales	.....	.....	.....	.....	22.33	.....	10.52	29.59
By-product Ammonium	61.59	66.10	.....	76.19	89.22	95.31	96.50	74.72
(1911-1913 market price)	50.74	13.61	.....	16.93	19.94	12.39	15.05	26.15
Arc Processes	.....	.....	.....	28.08	37.08	43.76	45.22	49.63
$10 per K.W. year	.....	.....	.....	6.24	8.24	5.69	7.05	17.37
Cyanamide Process	25.71	34.36	20.59	37.57	49.95	55.77	56.94	37.13
$10 per K.W. year	21.18	7.07	4.01	8.35	11.10	7.25	8.88	12.99
Haber Process	20.64	29.29	.....	31.95	44.15	50.00	51.18	31.66
(Probable Cost)	17.00	6.03	.....	7.10	9.81	6.50	7.98	11.08

NOTE:—The quantities of combined nitrogen obtained by the Haber, Calcium Cyanamide and Arc processes are in the approximate ratios of 7:3:1 per unit weight of total fuel consumed, and an increase diminution in the price of fuel to the extent of 1s. per ton affects the production costs per metric ton of combined nitrogen by as much as 2.63 pounds in the case of the arc process by 0.84 pounds in the case of calcium cyanamide, and by 0.36 pounds in the case of the Haber process.

The following limitations to the use of combined nitrogen in agriculture have been generally recognized.

Calcium nitrate when originally manufactured was very hydroscopic and therefore inconvenient to handle and to put on the land. Fortunately this drawback had almost entirely been overcome just prior to the war. The material is an excellent fertilizer, its lime content being a valuable asset in soils deficient in this constituent, though an excellent fertilizer for light soils it possesses the disadvantage of causing the deflocculation of clay, and tends to make heavy soil sticky. Experiments with this material, I understand, in the wet rice fields, have been accompanied with disastrous results due to the nitrate breaking down to a toxic nitrite. In such soils the calcium cyanamide replaces the Chile nitrate.

Calcium Cyanamide—The dusty character of this material constitutes a drawback to its use. It is understood that recent improvements in the treatment of the raw product overcome this difficulty. The presence of a certain amount of dicyandiamide is detrimental as it is toxic to plants. The decomposition product is ammonia. The free and combined lime in calcium cyanamide is an asset of some value in certain soils, such as those deficient in lime.

Ammonium sulphate is used very generally as a fertilizer, is not readily available, and if acid is of a distinct disadvantage in certain soils.

Organic Ammoniates all possess the disability of not breaking down rapidly in soil; their utility in hastening crop maturity is of questionable value.

The evidence which is submitted with respect to the behaviour of activated sludge covers these several points in some detail, and would indicate that this material is especially adapted for those demands of agriculture for early-maturity and general improvement in the humus content of the soil.

The situation with respect to the productive capacity of the world of fixed nitrogen has somewhat changed, owing to the acceleration of the production of nitrogen by fixation processes made necessary by the cutting down of Germany's supply during the war, and whereas only 10% of the world's visible supply in 1914 was obtained from such processes, the post-war output of these industries may account for as much as 28% of the available supplies as compared with 30% in the case of the by-product ammonia industry, and 41% with the Chile nitrate industry.

TABLE NO. 9—SUMMARY OF PRE-WAR AND POST-WAR POSITION PRODUCTIVE CAPACITY OF THE WORLD

Product or Process	Production or estimated productive capacity in terms of fixed nitrogen. Metric Tons		
	1913	1916–17	Post-War
Chile Nitrate	390,000	465,000	465,000
Ammonium Sulphate	290,000	340,000	340,000
(By-product–Synthetic)	.....	.....	100,000
Calcium Cyanamide	60,000	190,000	190,000
Haber Process (Ammonium Sulphate)	6,000	100,000	.....
Arc Process (Weak nitric acid)	17,000	27,000	27,000
Total	763,000	1,122,000	1,122,000

Table No. 9 gives a summary of the pre-war, war, and post-war position of the world's productive capacity. It is interesting to read in connection with Table No. 9, the observations and conclusions of the Nitrogen Products Committee.

"Notwithstanding the uncertain elements in the post-war position of the nitrogen industries, a careful review of the possibilities leads to the following conclusions:—

(a) The post-war supply of fixed nitrogen potentially available for the world's requirements is likely to be to the order of 1,000,000 metric tons or over per annum, an increase of from 30% to 40% on the pre-war production.

(b) In spite of the great extension of the nitrogen fixation industry during the war, the total increase in the world's output of combined nitrogen does not appear to exceed the figure that would have resulted from a continuation, under normal conditions, of the rate of growth in consumption prevailing in the pre-war period.

(c) The demand for nitrogenous fertilizers is already considerably in excess of the pre-war consumption, and in the event of a fall in the price of fixed nitrogen to say £40 or £45 per metric ton, the Committee is of the opinion that the demand would increase at an even greater rate than hitherto.

(d) There will probably be ample scope in the post-war markets for all forms of nitrogenous fertilizers, both non-synthetic and synthetic.

(e) The industrial demand for nitric nitrogen is likely to be met in the future by means of synthetic processes, which show to considerable advantage as compared with the Chile nitrate retort process.

(f) As a result of the modifications due to the war, the Chile nitrate industry may account for about 41%, the by-product ammonia industry for about 30%, and the synthetic industries for about 28% of the post-war supplies of combined nitrogen.

(g) The marketing of large quantities of synthetic ammonium sulphate and calcium cyanamide consequent on the further development of the Haber and cyanamide processes must influence the future price of combined nitrogen, and may even control it.

(h) The producers of combined nitrogen may eventually have to face a competitive price of perhaps 7 pounds to 8 pounds per metric ton for ammonium sulphate and 6 pounds to 7 pounds per metric ton for cyanamide.

(i) The Chile nitrate industry, in order to hold its position against the cheapest synthetic fertilizers may be faced with the necessity of making substantial reductions in price, perhaps to a figure 8 pounds per ton or even less.

(j) With regard to nitrate fertilizers, the Chilean industry will probably be able to hold the market against the synthetic processes. The economic and financial position of Germany during the years succeeding the war may, however, induce that country to resort to the manufacture of synthetic nitrates, so that the possibility of the partial or total loss of the German market must be contemplated.

NOTE—Page 90–Season 1918-19.

453 - Owing to the war policy of food production the agricultural demand for fixed nitrogen in the form of ammonium sulphate and nitrates has thus attained at the present time a figure of the order of 60,000 tons per annum, as compared with pre-war consumption of 25,000 tons.

(k) The by-product ammonia industry, although capable of meeting the competition of synthetic products by raising, within limits, the prices of coal gas, coke, benzol, tar, etc., to compensate for a fall in the price of sulphate, may be faced with the necessity for making substantial reductions in the price of sulphate perhaps to a figure approximating to the lowest market price hitherto recorded in the United Kingdom.

(l) The relative positions of the different countries as outlined above may be modified to an important degree by the cost of labour and materials, and more particularly by the world shortage of shipping. As long as the shortage exists, it will operate to the substantial advantage of producers who have a local market available."

F. A. Dallyn

REPORT ON THE FERTILIZING VALUE OF ACTIVATED SLUDGE

By H. D. Brown, Assistant, Experiment Station, Division of Sanitary Engineering, With Preface

Introduction. The three most essential elements of plant food, other than air and water are nitrogen, potash and phosphorus. The market price of any fertilizer reflects the percentage of these three. Nitrogen is the constituent most demanded in fertilizers, for it is the first element to become deficient in the soil. This is due to its ready conversion into ammonium compounds which are soluble and drain away. Potash and phosphorous occur more regularly in sufficient amounts than nitrogen, and are more stable in soils, consequently they do not need as frequent application or in as large amounts for average grain, fruit or vegetable crops. Thus the application of nitrogen in available form usually produces a more direct and favorable response than that of the other two elements. It has been computed that over 59% of the money paid for fertilizers is paid for nitrogen and about 25% for potash and phosphoric acid.

The importance of increasing crop production lies in the widening market for fresh fruit, vegetables and grain. The yield of these is directly proportional to the soil fertility to a high percentage. The farmer and gardener who pays little attention to the details of plant requirements frequently does not understand the principle involved. The soil decreases in fertility as crop after crop is taken from the land under protracted cultivation. The essential elements are used up and production greatly affected. This has long been recognized in European countries, and an intelligent expenditure on fertilizers made. The statistics show heavier average crops where fertilizers are used intensively in a systematic way.

It is evident then that the investigation of by-products which can be adapted for use in increasing the fertility of the soil is a matter of paramount importance.

Where such a material can be obtained by converting an otherwise waste product, such as sludge into a satisfactory fertilizer, the economic advantage is so much the greater.

Sewage disposal is generally regarded as a costly and difficult operation. It is sooner or later forced upon every urban municipality. The utilization of sewage sludge as a fertilizer benefits in three ways. It avoids the pollution of waterways; it returns to the municipality some of the cost of disposal, and it provides a means of returning to the soil substances essential to plant life. When converted into "activated sludge" it is an attractive form, and should be readily marketable.

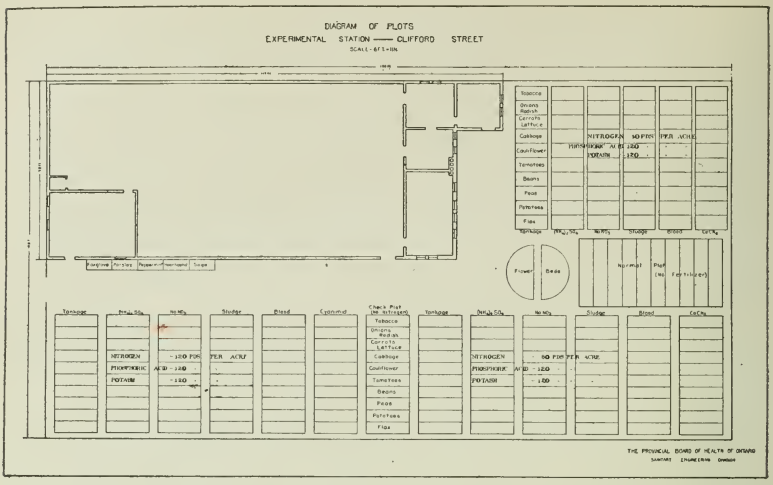
Potash and phosphorus are generally obtained from mineral sources and are considerably less expensive per unit than is nitrogen. The world's supply of nitrogenous fertilizers has heretofore been obtained from the great deposits of nitrate and guano in South America, and manure from domestic sources. The cost of nitrogen per unit obtained from mineral and nitrogen fixation processes is so excessive, and the demand for nitrogenous fertilizers is so great that all sorts of organic wastes from which nitrogen can be obtained more cheaply are being utilized. Abattoirs have established great subsidiary industries. In addition fish scrap, fleshings from tanneries, wool waste and garbage tankage, and cotton seed meal are being processed for their nitrogen content.

Object. The present paper deals with experiments on sewage sludge which were undertaken during 1920 to gain some information as to the commercial value of "activated sludge" as a fertilizer. The experiments were arranged to determine the availability of the nitrogen content, and to compare it with other nitrogenous fertilizers on the market.

The availability of the nitrogen for plant food varies with the rate of decomposition of these various nitrogen containing substances. This availability of nitrogen is important for it must occur at the time when the plant needs nourishment for its growth, and should last until the crop is mature. The best prices for market garden produce are realized at the beginning of the season. Again, any fertilizer which hastens maturity even by a few days will increase profits enormously. Prices are much higher earlier in the season and frost may be avoided.

Sludge Preparation. Incoming raw sewage was inoculated with sludge, called "activated sludge." The latter had certain properties which enabled it to rapidly oxidize the organic material of the sewage when intimately mixed with it in the presence of air. The mixture of sludge and sewage was kept in rapid circulation by discharging air through porous plates into it for a period of about four hours. This mixture was then allowed to settle for about thirty minutes. The clarified liquor was run off and a certain percentage of the settled sludge was used for inoculating the incoming sewage, the remainder being drawn off for drying as a fertilizer. About 95% of the bacteria remain in the sludge, and 5% in the clarified effluent. The sludge was air dried in the present instance, and ground in a 40 mesh-fine ball mill. The product "activated sludge" or "dried sludge" was a grayish powdery substance, quite inoffensive in odour, and much like fine ashes in appearance. An analysis of this powdery material called "dried sludge" showed a 4.5% nitrogen content. This percentage was probably lower than if drying had been more rapid, a certain percentage of nitrogen being lost in putrefaction. The moisture content was 14%, and could be reduced by a more thorough method of drying.

Plots. The experiments were conducted in a field one-third of an acre in size, adjacent to the Experimental Station, of the Provincial Board of Health, Clifford Street, Toronto. The area 100 ft. by 190 ft. was laid out in plots as per diagram in an "L" shape around the building, which occupied about one quarter of the ground. The field was divided into twenty plots (two check plots and three sections of six plots each). The plots ran east and west with no interference of sunlight by buildings. Six different fertilizers were used on each of the three sections so that there were three plots of cyanamide, dried blood, activated sludge, sodium nitrate, ammonium sulphate and tankage. The amount of each fertilizer used was calculated so as to give an equal amount of nitrogen to each of the six plots in one section and all plots were also given a uniform supply of phosphoric acid and potash. Superphosphates were the sources of the phosphoric acid and Potassium Chloride the source of Potash. Each section of plots was treated with a different amount of the nitrogenous fertilizers so as to have a low, a moderate and a high section in regard to their nitrogen content. The first section received fertilizer at the rate of 40 lbs. of nitrogen per acre, the second section 80 lbs. per acre, and the third section 120 lbs. per acre.



With the nitrogen content thus regulated in a low, moderate and high amount, it was necessary to give the plants a regulated definite and sufficient supply of the other two food essentials, phosphoric acid and potash. These had to be in excess, else they would limit the nitrogen effect. Toxicity was the limiting factor in their amount. Two hundred pounds of each per acre was applied for this purpose to all the plots of the three sections. Two additional plots were laid out for comparisons. One designated the "normal" plot had no fertilizer added to it, while the other, the "check" plot was given potash and phosphoric acid but no nitrogen. The plots are subsequently referred to as N40, N80, N120, Check and Normal, and numbered from one to six in the order $CaCN_2$, Blood, Sludge, Nitrate, Sulphate and Tankage as shown in Diagram of plots

Size of Plots. The total area used was 190 ft. by 50 ft. and 60 ft. by 50 ft.; or 1-3 acre. The N40 plots were 9 ft. by 40 ft., or 360 square feet; the N80 plots and N120 plots, 12 ft. by 33 ft., or 400 square feet, so that each plot was approximately 1-100 acre. The experiments were thus on a large enough scale to be of practical importance under field conditions, and not merely the laboratory or pot type. The plots were staked out with corner posts and separated from each other by paths two feet wide. Around the whole area a wire fence was erected and flower beds arranged in the vacant space.

Application of Fertilizers. The relative weights of fertilizers were proportioned according to the size of the plots, as follows:—

TABLE I.

	Series N40	Series N30	Series N120
Cyanamide containing 20% N	2 lbs.	4 lbs.	6 lbs.
Activated Sludge containing 5% N and 14% moisture	7 lbs.	13 lbs.	20 lbs.
Sodium Nitrate "	2 lbs.	4 lbs.	6 lbs.
Ammonium Sulphate "	2 lbs.	4 lbs.	6 lbs.
Tankage "	7 lbs.	13 lbs.	20 lbs.
Tankage containing 7% P2 05	3 lbs.	5 lbs.	9 lbs.
Dried Blood containing 10% N	4 lbs.	8 lbs.	12 lbs.
Superphosphates containing 16% P2 05	12 lbs.	12 lbs.	12 lbs.
Potassium containing 50% K	4 lbs.	4 lbs.	4 lbs.

On the tankage plots the amount of superphosphates was cut down by the amount of phosphoric acid which the tankage contained, namely, 3, 5 and 9 lbs., and the N40 plots received 1-10 less on account of their size. Thus all plots except the normal were given phosphoric acid at the rate of 200 lbs. per acre. The sludge was prepared at the Experimental Station and the other fertilizers were obtained commercially.

Preparation of Soil. The soil was worked as uniformly as possible during the spring and was harrowed and disced just prior to planting. The fertilizers were thoroughly mixed and spread uniformly by hand a couple of days before seeding and planting. They were thoroughly raked in at the time of application, and the plots were cultivated as uniformly as possible throughout the season, keeping the soil loose and free from weeds.

Planting and Seeding. The seed was obtained from Messrs. Simmers Company, Ltd., and planted as follows:—

TABLE II.

Plant	Variety	Amt. Sown	Date Sown	Date Planted out.
Flax		4 ft. wide	June 1st.	
Potatoes	"Cobblers"	2 Rows	June 2nd.	
Peas	"Little Marvel"	2 Rows	May 31st.	
Beans	"Golden Wax"	2 Rows	May 31st.	
Tomatoes	"Bonny Best"	1 Row	April 23rd.	June 3rd.
	Carolina	1 Row	April 23rd.	June 3rd.
Cauliflower	Danish Giant	2 Rows	May 7th.	June 4th.
Cabbage	Danish Ball	2 Rows	May 13th.	June 15th
Carrots	Danvers Half Long	1 Row	June 2nd.	
Seed Onions	Adanac	2 Rows	June 2nd.	
Lettuce	Nonpareil	1 Row	June 2nd.	
Tobacco	White Burley	1 Row	May 22nd.	July 15th.

Records. Records were kept throughout the season in tabulated form. Time of sowing, transplanting and setting out are given in Table II., and the time of each vegetable's appearance, and early growth compiled in Table IV. A log of sprayings, the prevalence of insect pests, etc., was also kept. The weights of marketable produce are summarized in Table III, earliness of growth in Table IV, and earliness of maturity in Table V.

TABLE

Plot–4′ by 8′

TABLE OF WEIGHTS N–40 lbs. per Acre

Table III.	CACN2	Blood	Sludge	Nitrate	Sulphate	Tankage	CaCN2	Blood
Flax								
Weight of Plants (in lbs. and oz.)	7.12	8.12	8.4	5.2	4.0	4.8	7.7	12.4
Length of Fibre at maturity	24″	26″	27″	24″	21″	26″	23″	21″
Potatoes								
Total Wt. Sept. 3	3.11	6.15	9.3	6.5	5.8	5.11	7.1	8.4
Peas								
Green-podded	2.0	2.5	2.12	1.11	2.2	1.2	1.11	3.0
Beans	2.4	3.8	1.4	2.6	2.2	.12	3.15	6.13
Tomatoes								
Ripe—Aug. 18	48.4	51.7	48.4	14.13	12.0	23.7	58.11	78.0
Green—Oct. 28	3.7	8.2	18.5	1.4	.0	2.11	5.0	7.14
Total Weight	56.11	59.7	66.9	16.1	12.0	26.2	63.11	85.14
Cauliflower								
% plants mature	70	90	90	50	50	30	79	90
Total weight	27.11	35.3	37.4	22.11	17.11	9.1	42.1	54.4
Av. Wt. per head	3.15	3.15	4.2	4.8	3.8	3.0	4.3	3.13
Av. Wt. per head	N40 chk.	3.13 3.12	N80 nor.	4.1 3.14	Nizo	4.2		
Cabbage								
Total Wt.	Stol	en	1.6	.7	5.0	3.12	.12	5.10
Wt. per dozen			4.0	4.10	5.0	3.0	3.2	3.13
Carrots								
% Plants mature	100	100	100	100	100	80	95	100
Total Weight	34.11	54.3	57	58.14	46.12	26.5	98.7	11113
Av. Wt. per head	3.4	5.4	5.7	5.8	4.6	3.2	7.0	7.0
Onions								
Total Weight	1.7	2.9	5.6	9.14	14.1	6.6	.6	2.5
Wt. per dozen	1.10	2.2	2.12	2.2	2.4	1.12	.12	1.8
Tobacco								
Total Weight	21.8	19.8	20.8	20.0	14.0	11.8	9.8	16.8
Av. Wt. per plant	5.4	4.9	4.14	5.0	3.5	3.9	4.5	4.2

III.

Plot–4′ by 12′ Plot–4′ by 12′

N–80 lbs. per Acre. N–120 lbs. per Acre N–O

Sludge	Nitrate	Sulphate	Tankage	CaCN2	Blood	Sludge	Nitrate	Sulphate	Tankage	Normal	Check
9.3	8.11	9.5	9.3	8.6	8.6	8.2	8.3	9.10	3.7	7.7	10. 9
24″	23″	24″	27″	28″	24½″	29″	23″	28″	24½″	18″	27″
9.2	9.11	10.13	7.12	9.0	7.13	12.4	8.11	3.13	6.11	8.4	5.0
2.4	3.6	1.9	1.3	1.0	2.2	Soil 1.12	Soil .5	2.0	1.10	2.7	Soil .12
8.6	9.6	6.3	Soil .10	1.12	2.5	3.3	2.11	4.10	6.3	5.15	Soil .14
68.3	41.11	51.8	12.12	55.15	55.6	37.11	42.13	46.10	52.12	65.13	28.0
9.13	10.0	10.7	10.9	10.5	17.1	25.1	15.10	8.7	10.3	15.14	14.0
78.0	51.11	61.15	23.3	66.4	72.7	62.12	58.7	55.1	62.15	81.11	42.0
80	35	30	60	90	85	80	55	80	80	40	100
43.9	49.5	44.0	39.0	60.2	53.11	53.9	38.0	46.8	48.11	23.4	60.5
4.0	4.1	4.0	4.5	4.4	4.2	4.7	4.12	3.14	4.1	3.14	3.12
9.14	9.13	8.1	10.2	11.14	9.2	4.3	2.2	.14	3.0	4.0	1.9
3.10	3.2	3.3	3.4	4.5	4.2	4.12	4.4	3.8	4.8	1.4	3.2
75	90	95	60	100	95	75	75	95	100	100	90
70	109.8	83.3	58	103.7	80	57	54.3	77.8	69.8	50.3	75.9
7	7.5	6.0	6.3	6.8	5.7	5.7	5.4	5.5	4.6	3.1	5.0
6.0	not mat.	2.6	5.8	6.11	2.11	4.2	1.0	1.3	.14	not ma-	8.6
2.2	soil	1.4	1.12	2.4	2.6	2.12	1.0	1.6	q.4	ture	2.6
16.8	not mat.	16.0	8.0	19.8	17.0	19.0	12.8	20.3	10.8	11.0	6.8
4.2	soil	4	4	4.9	4.2	4.8	4.4	4.2	3.6	2.7	2.4

EARLY ACCELERATION OF GROWTH—TABLE IV.

Number of days before uniform growth appeared	N 40 Section						N 80 Section						N 120 Section							
	CaCN2	Blood	Sludge	Nitrate	Sulphate	Tankage	CaCN2	Blood	Sludge	Nitrate	Sulphate	Tankage	CaCN2	Blood	Sludge	Nitrate	Sulphate	Tankage	Normal	Check
Flax	13	10	4	11	9	4	13	11	6	11	9	6	7	9	6	11	11	11	7	9
Potatoes	16	16	13	14	16	13	15	14	14	14	14	13	14	15	13	13	13	14	14	14
Peas	14	14	8	10	9	9	15	15	8	9	9	9	10	7	8	10	14	10	10	8
Beans	12	12	10	11	11	10	14	12	9	9	9	12	10	10	9	12	12	10	14	9
Carrots	15	10	10	11	10	12	16	16	14	16	16	16	16	16	14	14	14	12	18	16
Onions	14	14	11	12	12	12	16	16	14	15	15	14	14	14	12	13	13	12	18	18
Grading 10 days after planting																				
Tomatoes	5	4	1	2	3	6	5	4	1	2	3	6	5	6	2	3	4	1	....	....
Cauliflowers	6	4	1	2	3	5	6	4	1	2	3	5	6	2	1	3	4	5	....	....
Cabbages	5	4	1	3	2	6	6	4	1	2	3	5	2	3	1	4	5	6	....	....
Tobacco	4	6	1	5	2	3	5	4	3	1	2	6	3	4	1	5	2	6	....	....

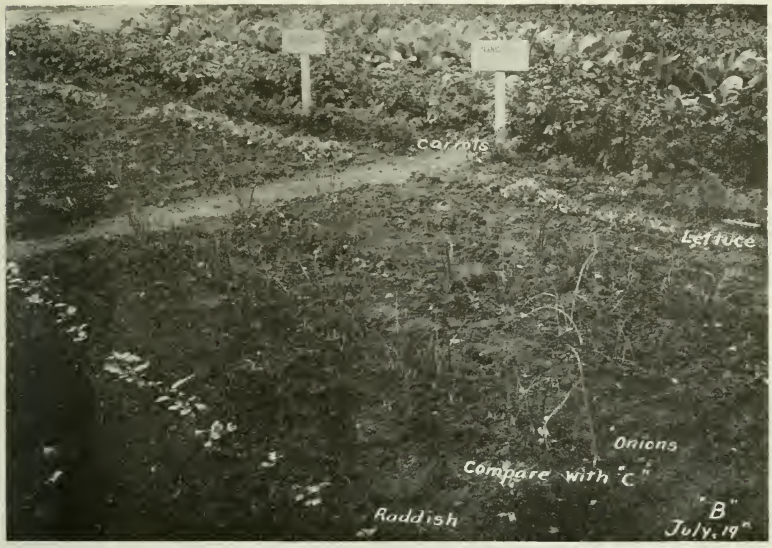
EARLY MATURITY—TABLE V.

	N 40 Section						N 80 Section						N 120 Section							
	CaCN2	Blood	Sludge	Nitrate	Sulphate	Tankage	CaCN2	Blood	Sludge	Nitrate	Sulphate	Tankage	CaCN2	Blood	Sludge	Nitrate	Sulphate	Tankage	Normal	Check
Flax..... Date in July when in Flower	24th	19th	14th	19th	19th	16th	17th	17th	14th	16th	16th	14th	19th	17th	18th	18th	18th	19th	20th	20th
Peas..... First Marketable Crop	Aug. 10th	Aug. 5th	July 23rd	July 30th	July 27th	July 28th	Aug. 10th	Aug. 6th	July 27th	July 26th	Aug 2nd	Aug. 4th	Aug. 10th	July 27th	July 30th	Aug. 11th	Aug. 8th	Aug. 6th	Aug. 4th	Aug. 10th
Tomatoes..... First Marketable crop in August	25th	25th	18th	18th	21st	20th	19th	20th	18th	18th	18th	21st	23rd	19th	18th	20th	18th	21st	25th	25th
Beans..... First marketable crop in August	5th	4th	3rd	4th	3rd	5th	7th	3rd	1st	2nd	2nd	5th	5th	3rd	1st	5th	3rd	2nd	3rd	10th
Grading on August 1st																				
Potatoes.....	6	5	3	2	1	4	4	5	1	2	3	6	6	2	1	3	4	5	....	....
Cauliflower.....	3	3	2	1	5	6	2	6	3	3	5	1	3	4	2	1	6	5	....	....
Cabbage.....	5	3	2	1	4	6	2	2	2	1	6	5	4	5	1	3	6	2	....	....
Carrots.....	4	4	3	2	1	6	5	1	2	6	4	3	3	5	1	4	6	2	....	....
Onions.....	6	3	1	3	2	5	5	3	1	....	4	2	3	2	1	6	4	5	....	....
Tobacco.....	1	3	4	2	6	5	1	2	2	....	4	4	1	3	2	3	3	6	....	....

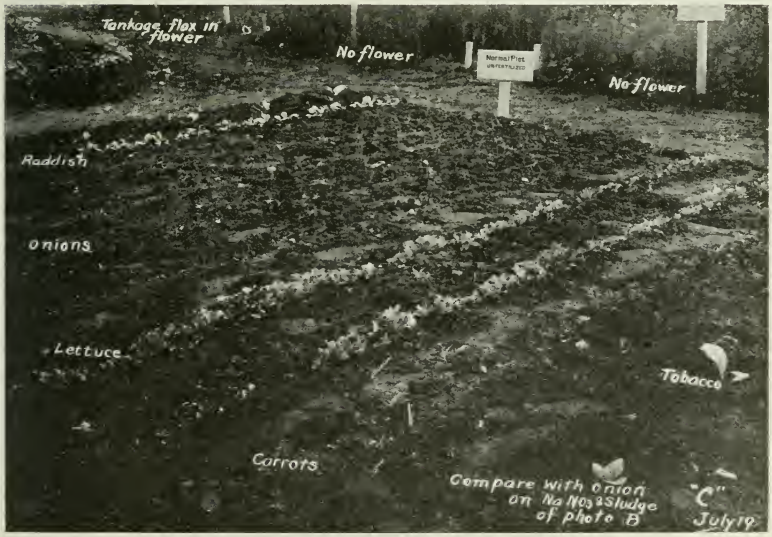
The detailed information as to weekly observation of individual plots are thus summarized in three tables, which show early acceleration of growth, late availability of plant food and ultimate production.

General Observations on Plots

1.—General View of N40 and Normal Plots.



2.—N40 Sludge and Nitrate Plots, Showing Onions and Carrots.



3.—Normal Plot Showing Onions and Carrots.

Flax. Sown broadcast on June 1st, a uniform growth above ground was seen on the sludge plots in 4 to 6 days, while on the Cyanamide and Blood plots it took up to 13 days as seen in table IV. Sludge and tankage plots gave the earliest growth. Nitrate and sulphate plots gave slightly later results and Blood and Cyanamide plots were the most tardy. The plots maintained in the same luxuriant order for the most part of the growing season and matured as seen in table V. The N40 plots were better than the N80 and N120 plots until the growing season was half over showing that the N40 plots had sufficient nitrogen content at this time. The stem growth on the N80 and N120 plots exceeded that on the N40 plots eventually and gave a stouter fibred flax on maturity. The accompanying photographs Nos. IV. and V. taken on July 19th, show the earlier maturity of Flax on the sludge plots. The flax on the N40 Sludge plot was above the sign post and was in full bloom, while on the adjoining plots of Nitrate and Sulphate, the flax was shorter and almost devoid of flowers. The flax was podded and ready for pulling at the end of August and yielded as per table III.

4.—N40 Nitrate and Sulphate Plots Showing Flax.

5.—N40 Sludge Plot, Showing Flax.

Potatoes. The potatoes were planted on June 2nd, 20 hills per plot. The plants appeared above the ground in about two weeks, showing a slight variation on different plots, but not so marked as flax, probably due to the greater amount of nutriment in the tubers. Sludge again gave the earliest growth and maintained the lead in growth throughout the season. The fertilized plots were noticeably ahead of the unfertilized plot and slightly ahead of the check plot. Early spraying prevented insect pests throughout most of the season but "tip burn" affected the plants in August. The tops were consequently wilted by Sept. 1st and the crop taken up. During the season the N80 section gave best results on an average as was evidenced by the weights of the crop. Table III. shows that the Sludge plots in each case gave the heaviest yield, with the Nitrate and Sulphate plots next.

Peas. In the case of a leguminous plant, the results might not be expected to be so marked. The peas were sown on May 31, a month later than is advisable, but the plants made rapid headway. Again the sludge plots gave the most rapid early growth as seen in table IV., Tankage was next, Nitrate and Sulphate following.

The sludge plot N40 was in flower on July 3rd, and the Cyanamide not until July 15th. N80 section showed up very well throughout, but the results there and on N120 section were not so marked, owing largely to the season and lack of humus content in the soil. The N40 section seemed to possess sufficient nitrogen for the short growing season and this probably holds for the leguminous plants which utilize free nitrogen by the aid of Nitrogen Bacteria. The early maturity on the sludge plot was very noticeable on July 23rd, the N40 sludge yielded 1 lb. 9½ oz., while other yields ranged from 3 to 4 ozs., and the Cyanamide and Blood plots were just in flower.

Beans. The beans, like peas, were planted very late in the season and showed the same general results. There was a slight advantage for the sludge over the Nitrate, Sulphate, and Tankage plots in early growth. The weights of marketable beans are not so valuable on account of the loss of many plants early in the season. A small caterpillar infested the young plants and was not affected by sprayings as it attacked the plant beneath the surface.

Investigations seem to indicate that the only successful method of counteracting this pest, is to soak the seed in a solution such as kerosene for a short time prior to planting. The earliest maturity was again evident on the sludge plots as shown in Table IV., the first picking of marketable pods was on July 29th, when all the sludge plots gave heavier yields than any other plots of their sections.

Tomatoes. The two varieties of tomatoes used gave good results. From seed sown April 23rd, planted outside on June 3rd, there were practically no losses. Table IV. shows the early advantage gained by the plants on the Sludge plots and the stimulation of growth by the Nitrate and Sulphate used. The plots not fertilized with Nitrogenous fertilizer were much behind the fertilized plots. Later in the season the Blood and Cyanamide plots became very luxuriant and the plants had to be staked up individually. The tomatoes on these plots were smaller than the average, but well formed and firm and in total yield exceeded all other plots. The normal plot gave large tomatoes, in this case and yielded well, but the Check plot produced very poorly. Table V. shows that the Cyanamide and Blood plots did not produce a marketable crop until nearly a week later than the Sludge. Nitrate and Sulphate plots again produced next earliest to the Sludge.

6.—Normal Plot Showing Cauliflower and Cabbage.

Cauliflower. Cauliflower seed was planted May 7th and the plants set out on June 4th, only 2-3 inches high. All fertilized plots seemed to stimulate growth and nearly all plants survived. In each section the Sludge plot growth was most noticeable and Blood gave a better growth than Tankage or Cyanamide. Cauliflowers seem to require additional nitrogen supplies for the N80 and N120 plants were larger and heavier than the N40 plants. All plots except the Normal had marketable plants by the middle of August and were utilized in an exhibit at the Toronto National Exhibition. The photographs taken on July 19th, show the backwardness of the Normal plot and the advantage given to the plants on the Sludge plots. Table III. gives the yield and average weight per head showing that sludge was valuable as a fertilizer and that 80 lbs. per acre of Nitrogen gives a good yield. The N120 section yield was slightly heavier but not proportional to the extra fertilizer used.

7.—Check Plot Showing Cauliflower and Cabbage.

Cabbage. With Cabbage the results were similar to those for Cauliflower. The plants were grown from seed sown on May 13th, and were planted out on June 15th. Despite their lateness the plants grew rapidly and were also exhibited during August in good condition, but small. Their firmness, leaf surface and colour were excellent. Early growth was stimulated as Table IV. shows, and Table III. gives the total and average weights at the time of marketing. N80 section gave the largest plants on maturity and seemed to have sufficient Nitrogen content. The Normal plot was much behind the fertilized plots and showed a definite deficiency in food material.

Sludge gave good results both in time of maturity and weight of plants.

8.—N120 Nitrate Plot Showing Cauliflower and Cabbage.

Carrots. One row of carrots was planted on June 2nd, and gave the same general results. Some of the plots were tampered with so that weighings are incomplete. The N40 section appeared to contain sufficient Nitrogen in available form and the Normal plot was noticeably backward. Tables IV. and V. show the order in which plants stood in size and appearance at the beginning and end of the growing season.

Onions. Onion seed was sown on June 2nd, and growth was good on all but the Normal and N80 Nitrate plots. The Normal plot was very backward as seen in photographs taken July 19th. Sludge gave good growth both early and throughout the season.

Lettuce. The results are indefinite owing to the difficulty of preventing sparrows from eating off the tender leaves. Sludge gave good growth results as did the Tankage plot. The Check plot was average and the Normal plot again noticeably poor.

Tobacco. Tobacco is becoming more and more extensively grown in Canada, and as a crop depends largely for its luxuriance on the soil fertility and is not successful on poor soils. The commercial product should be sown as seed in March or April to give the slow growing seedlings time to develop. In the present instance the seed could not be sown until May 22nd, and planted out on July 15th in a weak and precarious condition. Growth was excellent on all the fertilized plots. By Sept. 9th the plants were 2 ft. high with leaves up to 30 inches in length. The demand for nitrogen was evident in that the Normal plot did not produce a marketable plant and the Check plot plants were smaller than any of the plants on nitrogenously fertilized plots. The N120 section gave best results, N80 next, and N40 last, as might be expected. The Cyanamide and Blood plots seemed to contain more plant food at this season and gave plants somewhat larger than those on the Sludge plots. Tables III. IV. and V. give the early growth, later appearance and average weight of plants.

Growth Acceleration. During the growing season it was thought advisable to test the effect of "sludge in the process of activation." Strips two feet wide on the check and normal plots, were treated with five pails of effluent every second day for two weeks. Within a week, the effect was distinctly noticeable on practically all the vegetables of each plot. Onions and tobacco showed the greatest stimulation and doubled in size during the two weeks. A luxuriant growth of tomatoes and cucumbers resulted from seeds in the sewage effluent. Other experiments were conducted to test the "dried sludge" for seeds. Small flats were filled with sterilized and unsterilized sludge, loam and sand. No growth occurred on the sterilized flats and no additional growth on the flats where sludge was mixed with loam or sand. These experiments showed that seeds were eliminated or killed in the drying and milling process.

General Remarks on Fertilizers. From the above results it is evident that "dried" or "activated" sludge is very valuable as a fertilizer and can compete with other commercial fertilizers on the market.

It accelerated the growth considerably on a very wide range of market Garden vegetables and plants.

The application of Cyanamide at the time of sowing was detrimental to its best results, as might be surmised from a pamphlet issued by the Amercain Cyanamide Co. They advise its application from several days to several weeks before seed is sown, according to the nature of the seed. This was impossible in the present instance, owing to the lateness of the season when the plots were ready. Cyanamide gave good results in later growth and ultimate production. In the case of tomatoes its effect was very marked.

Sodium Nitrate and Ammonium Sulphate appeared to be similar in effect. They accelerated plant growth earlier in the season than Cyanamide and Blood but the Nitrogen was not as available as in Sludge or Tankage. The growth produced tended to even up with sludge later in the season and gave greater production than tankage.

Tankage gave early growth and maturity but a light crop production. It had the added advantage, as indicated above, of a phosphoric acid content.

Dried Blood like Cyanamide gave good results, especially in heavy production, but the Nitrogen was not very readily available. Blood is now used largely as a constituent of stock food and consequently is of less importance on the fertilizer market.

Sludge has at present a nitrogen content of 5% when activated and below 2% when not activated. There is reason to believe that this percentage can be increased by better activation processes. The moisture content is high, so that transportation is more costly than it will be when more complete drying methods are found. The transportation problem, however, is not a great one, as the fertilizer can be produced at all centres of population and long hauls will not be necessary.

(1) The Nitrogen in "Activated Sludge" was readily available for plant food and was in assimilable form.

(2) The Sludge was very beneficial when applied immediately prior to planting.

(3) Activated Sludge gave a rapid early growth which exceeded that of any other commercial fertilizer used.

(4) The maturity of the plant was hastened by sludge, so that its value was greater by the producting of an earlier marketable product.

Discussions and Suggestions. It is felt that earlier work on this subject has not been done with these points in mind. Bartow and Hatfield concluded that Sludge was valuable as a fertilizer, but their work was on plots 2 ft. by

3 in., so that field conditions could not be even approximated. The plots should be as large as possible and in long strips with check plots interspersed frequently, so that field heterogeneity may be observed and allowed for.

Nasmith and McKay experimented on the fertilizing value of activated sludge with plots 4 ft. by 10 ft. With a very limited number of plots and little variety in plants used, their results are restricted in value. They used 14½ tons per acre of air dried sludge. If the moisture content was as high as 75% instead of 14%, the amount of Nitrogen applied on a 5% basis would be over 1000 lbs. of Nitrogen per acre. This is far more than is economic or practical. The application of a fertilizer must be in economic quantities, based on the needs of the plant and calculated on the Nitrogen content. They have failed to recognize this factor in determining the economic possibilities of sludge

The work done on this problem leads to an agreement with the ideas expressed in a recent publication by the United States Department of Agriculture on the heterogeneity of field crops, soils which appeared uniform during preparation and cultivation gave wide variations in results. Few have sufficiently recognized, and none have adequately emphasized the importance of this factor. The result is that much work hitherto done has led to false conclusions. The irregularities may be greater than the variations caused by the fertilizer under observation. Personal judgment is inadequate in selecting soils and agronomic technique is essential. Future investigators should seek an exact measurement of heterogeneity based on observations of the following:

(1) The variations in chemical composition of surface and substratum soil.
(2) The infection of local areas by disease producing organisms.
(3) The differences in requirement of food by plants.
(4) The physical properties of the soil which vary locally in the size of soil particles, their compactness and resultant variation in aerobic condition and drainage.
(5) Lack of uniformity in depth of planting.
(6) Drainage at time of planting and during the growing season.

Soils varying in chemical and physical properties should be tried and these must be so separated that no interdrainage can take place. Concrete or steel tanks have been suggested in which definite and known proportions of soil and fertilizers could be mixed and the moisture content regulated. The amount of nitrogen available for the plant at all stages of growth should be known and the amount which is lost in drainage and putrefaction.

In connection with the commercial utilization of sludge the problem of rapid drying must be solved. The activated sludge for the above experiments was air dried on trays.

Sludge must be dried in large quantities and by a commercially cheap method. A lower moisture content would raise the relative percentage of nitrogen and make the fertilizer more valuable. Various commercial devices for drying should be experimented with.

Increasing the nitrogen content of sludge offers a wide field for investigation. The activated sludge supplies nitrifying bacteria to the sewage sludge. During the process of aeration these bacteria act on the available nitrogen and convert it into a stable condition in which it is readily available as plant food. It is estimated that 15.4% of the total available nitrogen present in sewage may be recovered in this way. Some preliminary work has been done on cultivating azotabacter on suitable media and adding these cultures to sludge during activation. Results are so far inconclusive, but offer large possibilities. Identification of bacterial forms, sterilization of sludge and inoculation with bacteria may increase the nitrogen content considerably.

The verification of results should always be made. The conclusions of a single season's experiments are not sufficient proof, but if substantiated throughout a series of seasons become valuable.

With these suggestions in view and a uniformity of reports kept in mind, future work will be of intense value in estimating the economic value of activ-ed sludge as a fertilizer.

Co-operation in this work between the University and the Provincial Board of Health was arranged by Prof. R. B. Thompson, of the Department of Botany and F. A. Dallyn, of the Provincial Board of Health. To both of these men, as well as to Prof. H. B. Sifton and A. V. Delaporte, I am indebted for helpful advice.

Literature Cited

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2. U. S. Department of Agriculture—Journal of Agriculture Research, Vol XIX., No. 1; "The Heterogeneity of Field Crops."
3. Nasmith & McKay—"The Fertilizing Value of Activated Sludge.'

REPORT OF THE DIVISION OF CHILD WELFARE

1920

I beg to submit herewith a short summary of the activities of the Division during the year:

(1) Exhibits.—The Educational Campaign was continued throughout the year and the Child Welfare Exhibit was shown in connection with local celebrations, the Canadian National Exhibition and a number of Fall Fairs. The former plans were adhered to, and infants and children of pre-school age were given special attention in Child Welfare Conferences.

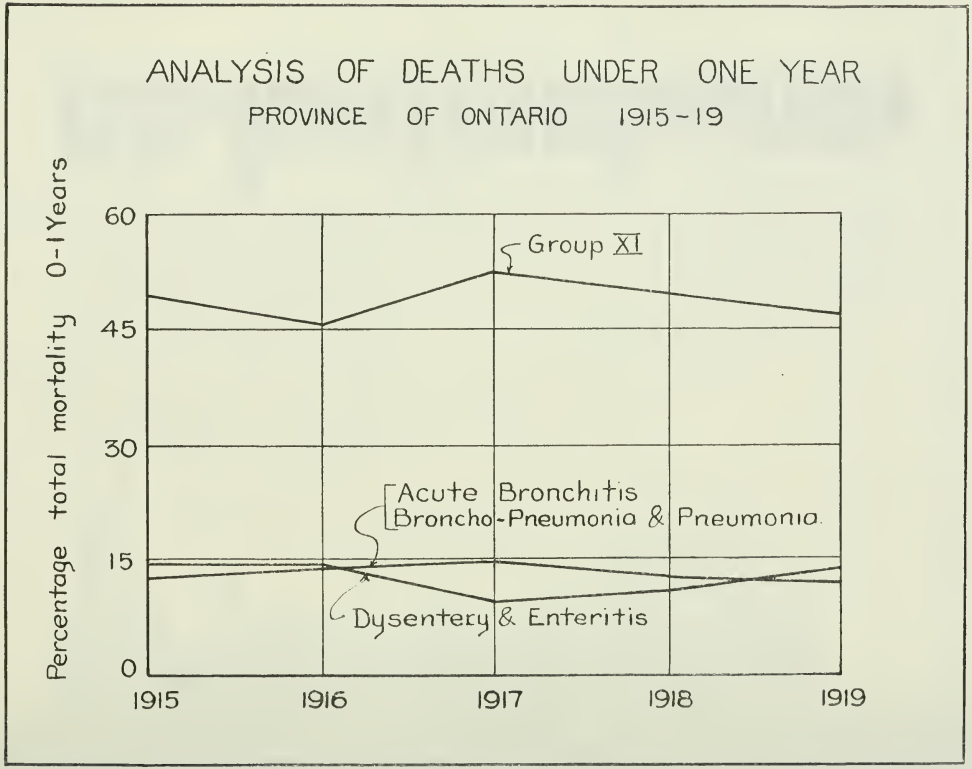
(2) The Child Welfare "Special."—A truck specially fitted for the conduct of Child Welfare Clinics was secured. It made its first appearance at the Canadian National Exhibition and it is hoped will accomplish much in the way of furthering the interests of Child Welfare in Ontario.

(3) Conventions.—Representatives from the Division were enabled this year to attend the following conventions: The National Conference of Social Work, National Organization of Public Health Nursing, Canadian Public Health Association and American Child Hygiene Association. In October, the Director attended the conference on Child Welfare called by the Federal Department of Health in Ottawa.

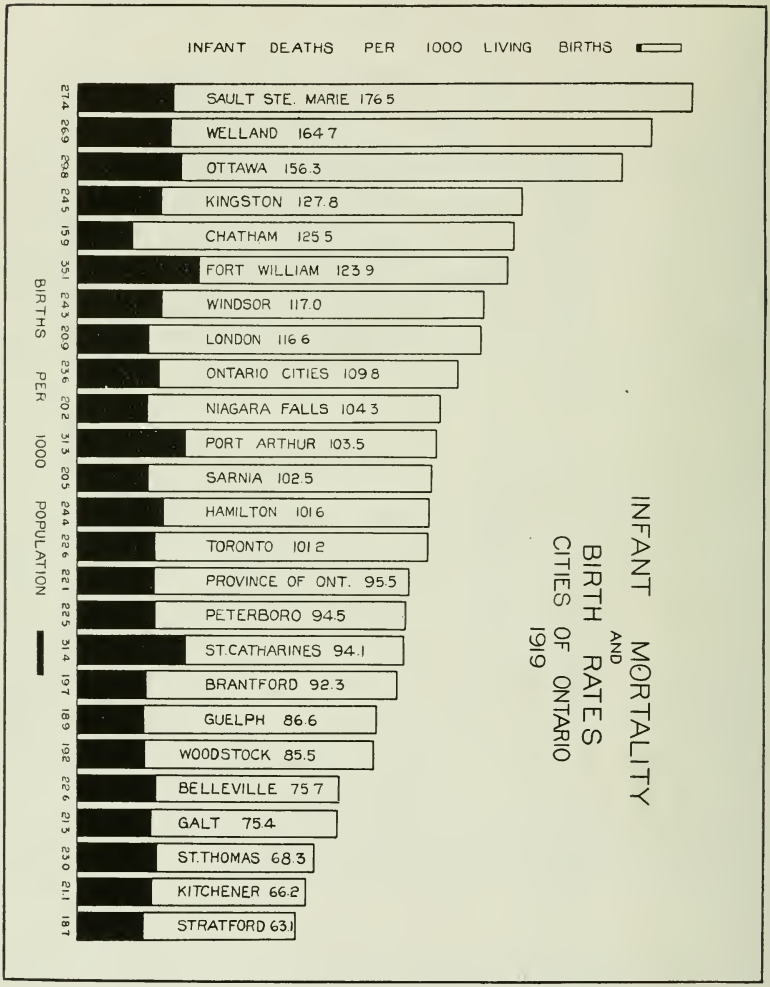
Following the action of the Legislature at the Session of 1920, it was made possible for the Division to undertake intensive work. An appropriation was passed whereby the Division was re-organized under the heading of Maternal and Child Welfare and Public Health Nursing. The first step was the appointment of eight Public Health Nurses, one to each of the Health Districts; which appointment was followed by the very generous offer of the Ontario Division of the Canadian Red Cross Society, to maintain and equip an additional eight nurses. A special course was arranged, and the sixteen nurses were sent out into the field in October.

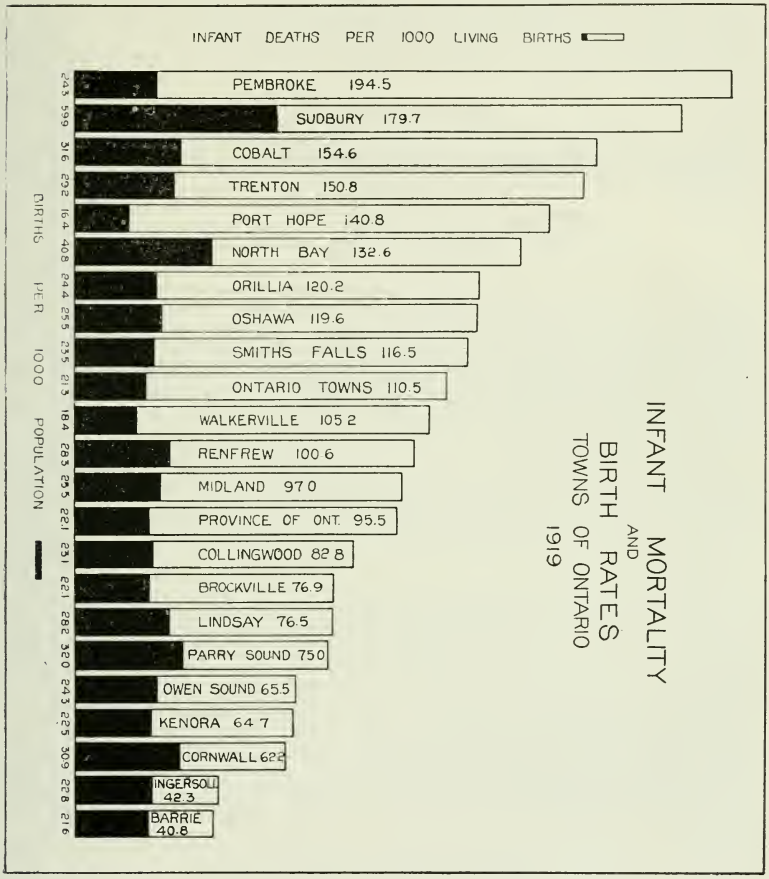
The plan was as follows: Following a conference with the District Officers of Health, the nurses went in pairs to the various districts, a particular centre being recommended by the District Officer of Health. The scope of the work in the field is generalized public health nursing, including Child Welfare, Tuberculosis Visiting and Emergency Bedside Care. We trust to be able to give a full account of their activities and resultant local appointments in the next Annual Report.

For some time a very great need had been felt for the services of a pediatrician in connection with the work of the Division. We are pleased to report that in June of this year, Dr. W. J. Bell was appointed full-time pediatrician.



GROUP XI INCLUDES DISEASES OF EARLY INFANCY.


INFANT MORTALITY AND BIRTH RATES CITIES OF ONTARIO 1919
INFANT DEATHS PER 1000 LIVING BIRTHS
BIRTHS PER 1000 POPULATION
SAULT STE. MARIE 176 5
WELLAND 164 7
OTTAWA 156 3
KINGSTON 127 8
CHATHAM 125 5
FORT WILLIAM 123 9
WINDSOR 117 0
LONDON 116 6
ONTARIO CITIES 109 8
NIAGARA FALLS 104 3
PORT ARTHUR 103.5
SARNIA 102.5
HAMILTON 101 6
TORONTO 101 2
PROVINCE OF ONT. 95.5
PETERBORO 94.5
ST.CATHARINES 94.1
BRANTFORD 92.3
GUELPH 86.6
WOODSTOCK 85.5
BELLEVILLE 75 7
GALT 75.4
ST.THOMAS 68 3
KITCHENER 66.2
STRATFORD 63.1
274 269 258 245 159 351 243 209 236 202 313 205 244 226 221 225 314 197 189 192 226 213 230 211 187


INFANT MORTALITY AND BIRTH RATES TOWNS OF ONTARIO 1919
INFANT DEATHS PER 1000 LIVING BIRTHS
BIRTHS PER 1000 POPULATION
PEMBROKE 194.5
SUDBURY 179.7
COBALT 154.6
TRENTON 150.8
PORT HOPE 140.8
NORTH BAY 132.6
ORILLIA 120.2
OSHAWA 119.6
SMITHS FALLS 116.5
ONTARIO TOWNS 110.5
WALKERVILLE 105.2
RENFREW 100.6
MIDLAND 97.0
PROVINCE OF ONT. 95.5
COLLINGWOOD 82.8
BROCKVILLE 76.9
LINDSAY 76.5
PARRY SOUND 75.0
OWEN SOUND 65.5
KENORA 64.7
CORNWALL 62.2
INGERSOLL 42.3
BARRIE 40.8
243 599 316 292 164 408 244 255 235 213 184 283 295 221 231 221 282 320 243 225 309 228 216

THE DISTRICT OFFICERS OF HEALTH PROVINCE OF ONTARIO

DISTRICT No. 1

Comprising the Counties of Lambton, Essex, Kent, Elgin, Oxford and Middlesex.

T. J. McNally, M.D.

District Officer of Health, London, Ont.

I have the honour to report to The Ontario Provincial Board of Health the following work accomplished during the year 1920. During January and February I was in charge of District No. 2, at the same time having partial supervision of District No. 1, so that my time was largely occupied in attending to calls from Local Boards for assistance and advice regarding various unsanitary conditions and the suppression of communicable disease; however in these two months I made an inspection of twenty municipalities in District No. 2.

Since being appointed to this (No. 1) District, I have made an official review of Sanitary conditions in eighty-eight municipalities as well as making special visits to forty-one different municipalities at other times in an effort to control outbreaks of Smallpox, Scarlet Fever and Diphtheria or the abatement of nuisances caused by Canning Factories, Milk Condensers, Creameries and slaughter-houses.

In an endeavour to clean up the nuisances caused by the effluent from the several factories of The Dominion Canners I have made an arrangement with Mr. Dallyn, the Provincial Sanitary Engineer, to meet the Directors of the Company and have some standard method of disposal adopted by all of their factories, and thus clean up the whole situation instead of taking up the local situation with each branch as this has in the past caused considerable annoying loss of time on our part and has not accomplished satisfactory results.

In reference to the creameries and other milk product factories I have endeavoured to get a general clean up of the situation by requesting the Chief Officer of Health, Dr. J. W. S. McCullough, to communicate directly with the different head officers and am hoping for some large measure of relief, as so far dealing with the individual local managers has not improved conditions satisfactorily.

Meat and Milk Supplies

The slaughter houses in this District are not generally in a satisfactory condition but having made an inspection of most of them during the year, I notified those not complying with the regulations that by May 1st, 1921, they must have their places complying with the standard set by the Department and maintain them according to the regulations.

The milk supply in several of the urban municipalities has not been supervised by inspection under local By-Laws, but on our advice some of these By-Laws have been passed, and regular inspection adopted, so that some progress has been made during the year towards a purer milk supply.

Rural Schools

The insanitary condition of conveniences at many of these schools is deplorable not only on account of the danger to the health of the children, but as utterly failing to impress upon their minds the elementary principles of sanitation so necessary to the avoidance of disease and the preservation of health.

I am pleased to note, however, that the action of The Provincial Board requiring the local Medical Officer as a part of his duty to inspect the schools and insist on conditions being sanitary has accomplished much good, not only in improving conditions but in directing special public attention to the necessity for improvement.

The drinking water has not heretofore been safeguarded, or in some instances supplied for the schools, as it should be.

Communicable Diseases

Smallpox.—The incidence of this disease is entirely too common, seeing we have in vaccination a certain preventative. Since being appointed a District Officer of Health eight years ago I have seen some hundreds of cases of this disease but in not a single instance was the person suffering fully vaccinated within five years, though in many instances members of the family were in daily contact with the patients and did not contract the disease, through having been protected by vaccination.

I was required during the year to visit twenty-two municipalities to assist the local authorities in stamping out the disease. The cases have been mild, which has added to our difficulty in controlling outbreaks, but I am pleased to report that in every instance the public has joined in the effort to prevent its spread, once recognized.

Scarlet Fever.—This disease has been comparatively rare in this district during the year and of mild type. This mildness was fortunate for the victims but added very materially to the vigilance required from the local officers which, I am pleased to note, was not lacking for,so far as I am aware,outbreaks were controlled before they assumed the proportions of a general epidemic in every case.

Tuberculosis.—It is ever with us, and I am of the opinion that during the past and present year its incidence has been more frequent than for some years back; this has doubtless been due to the strain and stress of The Great War. From observation I believe it is by far the most frequent cause of death, and the greatest source of loss of time and capital of any disease from which our people suffer.

During the four years of war it caused the loss of more lives in Canada than Canadians' lives were sacrificed on the battle fields of Europe. While I fully appreciate what Ontario has done and is doing towards controlling this scourge, yet I do not believe it is nearly as much as should be done considering the inroad the disease is making on the life, health and resources of our people. Why should we not have specialists and clinics for diagnosis and free consultation with our general practitioners if desired by them or their patients, especially in the rural or small urban centres?

We should have many more institutions for the care of incipient cases near their homes where they might be visited by friends, until at least the stage of quiescence is reached, with supervision thereafter by the specialists of the institution.

All available room in all our institutions is now filled so that it is difficult or impossible for a patient to obtain such care without a wait, that too frequently means failure or at least a prolonged period of treatment.

Diphtheria.—The incidence of this disease is not abating as we would like to see it, nor is the death rate lowering as it should, considering the efficacy of anti-toxin both for prevention and treatment and that your Board supply it free to all for these purposes.

To illustrate the efficiency of anti-toxin treatment and how death rate may be controlled by it I quote the following figures as given by Dr. Tillman of London. In the Children's Home here before the use of anti-toxin out of twenty-one patients only one survived, while ten years later in another outbreak with twenty-one cases and using anti-toxin, only one child died and twenty recovered.

Measles.—Outbreaks of this disease have been rather rare and of mild type; quarantine is generally being now observed though in a few instances neglected until checked up.

Whooping Cough.—Reports from those practitioners using the Board's Vaccine have been very favorable both as to prevention and treatment, so much so, that I would suggest that your Board obtain reports from them and bring the facts to the attention of the profession and the public generally.

Typhoid Fever.—I am pleased to report that the District has not suffered from any epidemic of Typhoid this year.

Owing to the fact that I was satisfied that the epidemic in Chatham in 1918 was due to water infection, I made a special investigation to determine, if possible, why it was apparently confined to certain portions of the city, and elicited the following facts which we were unable to unearth at the time.

During 1919 the reports on the water supply at the pumping station were uniformly satisfactory, but the reports taken by the M.O.H., Dr. McRitchie, from certain parts of the city were severely polluted while those taken from taps in other parts of the city, were quite satisfactory.

The City Engineer then set about finding an explanation for this difference and found that The Chatham, Wallaceburg and Lake Erie Electric Railway at the corner of Third and King Streets had a connection from the Thames River to their boiler and through the same pipes the city water mains were connected, so that city water might be used, in case anything interfered with their river connection.

The only safeguard against polluting the city mains was a gate valve. On questioning the man in the pump house the city engineer elicited the information that a short time previous to the epidemic in 1918 it was discovered that the water in their (the railway) taps was vile, smelling and tasting, and on investigation it was found that the gate valve was partly open at the time (June or July, 1918). It was in the locality of the main where this connection was made that the fever was most severe and radiated out along the connecting mains, so that I believe this to be the true explanation for the localized distribution of the cases in the city.

Moral.—Make sure that such connections are not permitted in future if any exist now in any of our towns or cities.

Morbidity and Death Reports.—While I am of the opinion that there is a slow improvement in these reports, there is no doubt in my mind that they are far from satisfactory nor do I believe they will be reliable until some radical change is made in the supervision of their collection; further I am of the opinion that the route of these reports should be changed so that they come first to the District Officer of Health, as too much time is lost between the occurrence of a case of communicable disease and the time it comes to the notice of the District Officer, to permit of his taking such action as might prevent an outbreak.

To accomplish both of the objects in view, it appears to me that a regulation should be made by the Provincial Board or other proper authority, requiring each clerk of a municipality to send in a report on each Thursday stating the number of new cases of each disease and deaths therefrom, or their absence from the municipality during the preceding week, (i.e., new cases).

This report should be sent to the office of the District Officer there recorded and then forwarded to the Provincial Office on Friday or Saturday. This would require a much-needed clerk in the District Office, who would not only do the above work, but would be able to check up the delinquent clerks under the supervision of the district officer, file papers, keep statistics of the district and relieve the district officer of the many minor details which make a serious inroad on his time.

This arrangement would bring the District Office into immediate contact with each case of communicable disease as soon as possible, and would enable him, with a clerk's assistance, to keep exact record of the number of cases at any one time in a municipality, which I confess I have never been able to do so far; he would thus be able to know at all times just where the danger poin were, and be able to concentrate his energies there for the time being.

DISTRICT NO. 3

During the year 1920 your District Officer of Health was engaged in Epidemiological work along with other true public health work. We have had a number of cases of infectious disease, notably Smallpox. So long as we have an unvaccinated population we are bound to have recurring epidemics of this disease. The lower animals seem to be grateful if we do anything for them to save them from infection but man, alas, rebels when we try to enforce vaccination, and vaccination is the real preventative of Smallpox. I am trying to do educational work along public health lines, but it seems a slow process I believe, though, that in the long run, education is as good if not better than legislation. The public is suffering from the faulty education of the past. I have found for instance that a great deal of my time is taken up in looking after nuisances; these are matters that are difficult for the local M.O.H.'s to handle, as it does not pay them to offend people who may be their patrons.

I submit that the abatement of nuisances should not be the function of the Board of Health, inasmuch as nuisances in the main do not produce disease. It is a police function if it is anything, and should not be saddled on the Board of Health any more than street cleaning or scavenging. It cannot, I think, be successfully shown that odours produce disease, so why waste the time of Health Officials in suppressing them, when that time could be more advantageously spent in true public health work, such as obtaining pure water and pure milk for the citizens, child welfare work, the suppression of communicable diseases, the fighting of tuberculosis and the promotion of industrial hygiene. These are true public health problems and I submit that these should occupy the time of Health Officials rather than bad odours, dead cats or dirty slaughterhouses.

There are a number of misconceptions that the public has, regarding public health that I have been trying whenever the opportunity arises, to combat. In the first place people believe that filth is the cause of disease. The belief that the germs of disease propagate in filth and even arise "de novo" has seriously retarded sanitary progress by turning the minds of the pubilc

in the wrong direction. A great many people, and educated people, too, believe that filth is a real source of disease. Laws have been enacted providing for "the abatement of any nuisance, source of filth or cause of sickness." The garbage pail, decaying leaves and rubbish, factory odours, odorous slaughter-houses, a public dump or a dead cat are still in the minds of the public, a source of sickness and it is still believed that it is the first duty of the health officials to cause their abatement. With regard to this let me say that so far as we know, there is no such thing as spontaneous generation of disease germs in filth. The public may say, then if filth does not produce disease why do you preach cleanliness? The answer to that is, that while disease germs are not produced and do not propagate in filth, still, disease germs are carried in filth. So that it follows that dirt or filth, may be concerned in the spread of infection. The same habits among people which cause them to become dirty and remain dirty, are the same habits which tend to spread infection from person to person.

Another misconception that the public has, is an unreasoning and unreasonable fear of tuberculosis. They are here suffering from over education. We recognize that tuberculosis is a disease which is rarely contracted by adults, and that even in the cases where the disease manifests itself in adult life, we now believe that the infection gained entrance in childhood and remained dormant for years, until some illness or extra strain so lowered resistance that the germs were able to become active. Also we must remember that if the infection in childhood is not too overwhelming, the tendency is for the system to build up an immunity against the disease, so that the child infected in early life who has overcome that infection is less apt to be infected in adult life on account of this immunity having been established. It follows then, that we can assure the public that there is very little danger of infection in adult life and then only from "mass infection."

Another misconception is that perfect health or high health if we may so deem it, protects the individual against infection. This would mean if true that only the weaklings would be affected by disease, and if only the weaklings were affected by disease that only the weaklings would die, and hence in a short time we should be a nation of physically perfect people. Indeed this should be the case now if this law has been operating down through the centuries. We know how far short of the fact this is, when we remember that when the young men, in the prime of life from 18 to 45, were examined during the war, about 30 per cent. of them were found unfit for military service. Again during the recent epidemic of Influenza, it was not the weaklings who were most commonly affected, but those in the prime of life from 20 to 35 years of age who were quite commonly affected, and alas many of whom died. It may be taken for granted, I think, that if the dose of the infection is large enough and repeated often enough, anyone, no matter how physically perfect, may come down with disease unless they have an immunity already built up by having had one attack or being immune by heredity.

One other misconception I have tried to combat is that disease is airborne. The belief still exists that in epidemics, like Influenza, where wholesale infection appears to take place, the germs are wafted by the winds and carried from one region to another. We do not say absolutely that infection never takes place through the air. It is possible that dust particles may contain live germs of disease, but infection by this means is very rare. Epidemics travel by railroad or steam-boat or in other words the way people travel, and the infection is carried by the individual and transmitted by contact.

I have tried in this manner to educate the people away from the unimportant things in public health work and from these, lead them to see that there are vastly important things that must not be overlooked; that the duty of the

medical Officer of Health and Board of Health can be better employed in seeing for instance that the people have a pure water supply, a safe milk supply, that the health of the children should be looked after, that they should have prenatal care, care also during their school life and care also in industrial life after they leave school, that it is important to look after communicable diseases, that people should be taught the value of vaccination as a preventative of Smallpox and that tuberculosis and venereal diseases are preventable and hence should be prevented. That is rather a large order and requires money to be carried out successfully, and we won't get very far until the public is convinced that money spent in public health measures is an investment and not a liability.

During the summer of 1920 I visited practically every medical Officer of Health and every municipality in my district. This I was able to do on account of having the use of a motor car. Some of the municipalities were visited several times. Increased interest on the part of the Medical Officers of Health in the work was noticed generally. In addition I attended public meetings whenever opportunity presented itself.

Communicable diseases are still a difficult problem. A large number of cases of Smallpox occurred during the year—this disease cannot be stamped out until people all get vaccinated. Typhoid fever seems to be on the wane—we had two small epidemics during 1920, one at Jordan and one at Crystal Beach.

The municipality of Crystal Beach has by special act of Parliament become incorporated and I am expecting that the new council will attack the health problems in a more systematic way and that we may expect better results.

During the year 1920 District Public Health Nurses were appointed by the Department. They are being assisted by nurses furnished by the Red Cross Society. In my district they began their work at Dundas, and went from there to Newmarket. They are being well received by the people and are having very gratifying success.

D. A. McClenahan, M.D., D.P.H.,
District Officer of Health.

DISTRICT NO. 4.

Comprising the Counties of Prince Edward, Hastings, Northumberland and Durham, Peterborough, Haliburton, Ontario, Victoria, Simcoe and Muskoka.

George Clinton, M.D.
District Officer of Health, Belleville.

I have the honour to submit for your consideration a summary of my work for 1920.

Communicable Diseases

From January to November a large portion of my time was taken up investigating Smallpox conditions, and assisting the Local M.O.H.

This disease has been very general through nearly the whole district, in some places of a mild type, in others, severe. There were no deaths. Vaccination was strongly advised and fairly well carried out.

The following places were visited by special request on account of Smallpox outbreaks:—

Orillia Asylum.—Sixty cases, all males. Some severe, general vaccination prevented it spreading to other parts of the buildings. During that visit I met the Local Board of Health and the School Board of Orillia, and advised a general vaccination of all school children, which was promptly carried out.

Oshawa and Whitby Twp.—Twelve cases.

Brighton Twp.—Nine families, all had been quarantined.

Enniskillen.—Two cases.

Campbellford.—Three cases.

Fenelon Falls—Four cases, all in one family.

Peterborough—Twin babies, four days old, in the general hospital. The mother had smallpox, a typical case, three months before confinement. Mother and babies were immediately removed to Smallpox Hospital.

All patients in the Obstetrical Ward were vaccinated and quarantined for fourteen days. No other cases developed.

Bowmanville—One severe case.

Havelock—Two well marked cases.

Also Tweed, Marlbank, Eldorado, Penetanguishene, Deloro and Hallowal Twp.

In July, I was called to Point Ann—seven families. The Board of Health took possession of a sleeping cabin belonging to the Canada Cement Company, with accommodation for thirty patients, a nurse and a cook. General vaccination in the village. There were about seventy cases before the epidemic was apparently under control. Again in August another outbreak occurred, eighteen cases. The Isolation Hospital was still used. No further outbreaks were reported until November, when a case came from Ottawa region. Six cases and two houses were quarantined. The Cement Company strongly protested against the use of this building for isolation purposes, but were notified that unless they assisted the Local Board of Health, their whole plant and the village would be quarantined. This ended the difficulty.

In November I was called to Trenton for a case which came by railroad from a northern hunting camp. After much explanation with the railway officials the caboose was equipped, placed on a remote siding, and the necessary supplies furnished. The officials objected to this arrangement, until informed they would be responsible for all expenses in isolating and caring for the patient if removed from their property into the town. My advice was followed and no other cases developed.

At Belleville General Hospital—two cases in the public ward, and one nurse. Met the Local Board of Health and took possession of a building, procured a nurse and an attendant, and moved the patients the same night. Later—two other nurses and a private patient, an old lady eighty-nine years of age, were moved to the Isolation Hospital. This building has been fitted up, and with modern plumbing and heating installed, and has been in use most of the time ever since.

In October, at Oshawa, an epidemic of diphtheria occurred. There were thirty-five cases active and twenty-four carriers, which were all placed in quarantine. There were two deaths. I called a meeting of the School Board and the Board of Health and after much discussion they consented to issue an order that all school children should have an immunizing dose of Antitoxin. This epidemic was soon under control. We have been fairly free from the other infectious diseases. Several cases of Scarlet Fever, Diphtheria, Measles, etc., have been reported, but not in epidemic form.

I find that the public and the different societies are realizing more and more the importance of Public Health work, and co-operate much more readily with the Health authorities.

The Councils are the most difficult to convince of the necessity of granting better financial aid.

In the different places where a school nurse has been employed, without exception they have demonstrated their worth, and given satisfaction.

The Child Welfare Branch is fast becoming one of the great factors in public health work.

The most important period in the life of a child, for its future health, is from its birth until it reaches the school age. Its food, general care, cleanliness, and proper clothing are all very important. I have pointed out at different meetings, the value and benefit of a child welfare nurse to educate the mothers in the care of their children during this period. The Child Welfare nurses in my district have done good work, and are bringing about good results.

In the smaller towns the public are not yet educated for a V. D. clinic, and I find it hard to induce them to act. I would suggest that it might be well to combine a Baby Clinic, Child Welfare, Laboratory and Venereal Disease Clinic. I am afraid it will be difficult to establish V. D. Clinics solely.

No new municipal water or sewage disposal plants have been installed during 1920, except the sewage disposal at Orillia Asylum.

In my whole district I find the milk and meat supplies and the general sanitary conditions much improved.

With the New Year I began my usual tour. A sanitary inspection was made, and detailed reports were sent to the Provincial Board of Health of the following public institutions:—

HOSPITALS.

Belleville—Two. (One Isolation).

Picton—One new—twenty-five beds. The old hospital has been taken for a Nurses' Home.

Peterborough.—Three. (One Isolation).

Cobourg.—One.

Port Hope.—One.

Bowmanville.—One.

Oshawa.—One.

Lindsay.—Two. (One Isolation).

Barrie.—One.

Midland.—One.

Penetanguishene.—One.

Collingwood.—Two. (One Isolation).

Gravenhurst.—Three Sanatoriums.

Houses of Refuge.

Picton—Prince Edward County.
Belleville—One for Hastings County. One for city.
Lakefield—One for Peterborough County.
Peterborough City.—Two, House of Providence and Protestant Home.
Cobourg.—One for Northumberland and Durham County.
Whitby—One for Ontario County.
Lindsay—One for Victoria County.
Beeton—One for Simcoe County.

Gaols.

Picton, Belleville, Peterborough, Lindsay, Cobourg, Whitby, Barrie, Bracebridge.

These are nearly all old buildings of stone—ventilated by windows—with the exception of Cobourg, which is a model.

Asylums.

Whitby, Cobourg, Orillia and Penetanguishene.

Children's Shelter.

Picton (True Blue Orphanage), Belleville, Orillia, Peterborough, Barrie Lindsay, Collingwood, Cobourg.

These places are doing a noble work in caring for unfortunate children and placing them in good homes for adoption.

When meeting the different societies, councils, School Boards and Boards of Health, I have pointed out to them and explained the work that is being done, and the aid given by the Provincial Board of Health, in furnishing vaccines, serums and anti-toxins to the public, as well as the free testing of milk and water, also blood for Widals, Wassermans, etc.

At the meetings of the different medical associations, I have asked the co-operation of the medical men in promptly reporting communicable diseases, especially venereal diseases.

Summer Resorts.

All summer resorts have been carefully inspected during their activities in July and August, and the conditions found, generally speaking, have been satisfactory. Two places, which were condemned the previous year, made the necessary sanitary improvements. Some minor details in other places as to the disposal of garbage were readily corrected. All resorts on Kawartha Lakes, Lakes Rousseau, Joseph, Muskoka, Lake of Bays, Fairy Lake, Peninsula, Mary and Sparrow Lakes, Honey Harbor and Georgian Bay were visited.

DISTRICT NO. 5

Dr. J. W. S. McCullough, Chief Officer of Health, Toronto.

Dear Sir,—I have the honour to submit herewith my annual report for the year 1920 of my work in District No. 5, comprising Counties of Lennox and Addington, Frontenac, Leeds and Grenville, Dundas, Stormont and Glengarry, Prescott and Russell, Carleton, Lanark, Renfrew and the City of Kingston.

This district had a population by the last census of 326,958 people.

Change of Office.

In September the Head Office for the District was moved from the Town of Cornwall to Ottawa. The object of this move was to have the office more centrally located, and, owing to the better railway and highway communication, more accessible.

The Department has also placed at the service of the District Officer, a Ford coupe, to aid him in performing his work. This is found to be a very great convenience and enables a larger amount of work to be performed at a much less expense than by depending, as formerly, almost entirely on train service and the hiring of vehicles.

During the year the district work has also been enlarged and greatly increased in efficiency by the appointment of District Health Nurses for the Province, two being assigned to this district.

The public health, besides the routine work of a district officer, has been promoted during the year by a series of public lectures and the distribution of pamphlets and other literature dealing with health problems. The head office of this district has been availed of as a source of information and direction by the different officers of health, Boards of Health, municipal bodies and individuals to a much greater extent than in previous years, over fifteen hundred communications having been sent out from this office.

During the period of the war many communicable diseases, notably Smallpox, Cerebro Spinal Meningitis, were said to have spread among the people owing to the mobilization of the troops. During this year normal conditions in this regard have again been established.

Scarlet Fever, Measles, Whooping Cough, in fact all the usual communicable diseases, excepting Smallpox, have been comparatively rare as epidemics in this district during the year 1920. The latter has been very wide-spread and, being of a very mild character, difficult to control. A special paragraph n regar d to this disease is added to this report.

Public Institutions

The following public institutions have been visited during the year and a report on their sanitary condition sent to the head office.

Brockville Asylum and Rockwood Asylum, General and Hotel Dieu Hospitals, Kingston, also the two orphanages, House of Refuge and Jail there. St. Vincent De Paul and General Hospitals, Children's Shelter, Old Ladies' Home, Jail of Brockville. General and Hotel Dieu Hospitals, House of Refuge, City Jail, Nazareth Orphanage, Cornwall. Jail and County House of Refuge, L'Orignal. General and Public Hospital, Smith's Falls. House of Refuge, Athens, Jail, Napanee. Public Hospital and Children's Shelter, Renfrew, V.O.N. Hospital, Almonte. Public Hospital and Cottage Hospital, Pembroke. House of Refuge, Perth.

Summer Resorts

This district abounds in many beautiful and well patronized summer resorts, principally on the Banks on the Islands in the River St. Lawrence, the Rideau Chain of Lakes, the Charlton Lakes and along the Ottawa River. These resorts have had personal inspection both by the District Officer and the various local health officers in the different municipalities in which they are situated.

Among the more notable conditions, other than routine inspections and outbreaks of communicable diseases, requiring attention and necessitating one or more visits, were:—

Valiquette Piggery, Gloucester Township. Water and Sewerage installation, Westboro. Condensed Milk Factory drainage nuisance, Chesterville. Municipal Sewers, Winchester. The T. P. Phalen Steamship nuisance, Iroquois, Unsanitary Customs Office and Barber Shop and drainage difficulty, Morrisburg. Investigation re proposed dismissal of medical officer of health, Portland Township. Prosecution of slaughter-houses keepers, Kingston. Establishment of cemetery, Lanark. Installation of chlorination plant in connection with water supply, Smith's Falls. Sewer connection with butter factory, Perth. Unsanitary condition Gill & Fortune's lumber camp, Kaladar. Drainage difficulty, Arnprior. Amendment to Schedule "B" of the Health Act, Camden. Dispute regarding the office of Health Officer, Cardinal. Water supply contamination, Prescott. Septic tank nuisance, Elgin. Water supply and drainage, Plantagenet. Dispute re M.O.H. East Hawkesbury. Unsanitary dump, Clarence. Sewerage installation, Rockland. Dismissal of Health Officer, Ross Township. Water chlorination, Child's Welfare exhibit, Cornwall. Unsanitary dwelling, Farran's Point. Unsanitary toilets and inadequacy of help at R. R. Station, Finch. Installation of V. D. Clinics at Kingston, Cornwall, Smith's Falls, Brockville and Pembroke.

Smallpox

During the year 1920 there were four hundred and five cases noted in this district, not including the City of Ottawa. There were, no doubt, a large number of cases which were not reported, in a few cases by the physicians in attendance, but mostly by the householders. The epidemic was generally of an exceedingly mild character, although occasionally a very severe case developed and there were two deaths from the disease. The great majority of the Health Officers and Boards of Health acted with commendable promptness in stamping out outbreaks. In over fifty per cent. of the cases the disease was not allowed to spread beyond the first noted cases and in no municipality did it get beyond control. Almost half of the cases were reported from the Township of Cumberland, where, the epidemic being exceedingly mild, the householder had not brought the disease to the attention either of the physicians or the Health Officer. The procedure followed, with a few exceptions, was: Rigid quarantine and appointment of sanitary police both by day and night, vaccination of all contacts, vaccination of all children attending the schools, free to the pupils and also to all other children and adults who presented themselves on the days appointed by the Board of Health. This procedure resulted in a large percentage of the young children and unvaccinated adults being vaccinated as well as the school children. The vaccination order of the Board as regards school children was obeyed to the extent that an average of over 90 per cent. of the school children in attendance were successfully vaccinated. Smith's Falls with 99 per cent. and Rockland with 100 per cent. leading.

I might note that many school boards in recent years, Cornwall Public School being a notable case, have required successful vaccination of the children before entering on their school studies. I am encouraging other school boards to follow the example of the Cornwall public school and am convinced that until some such procedure is followed this district will be unable to view without concern the outbreaks of Smallpox in the province.

A circular letter was sent to all Medical Officers of Health, in whose municipalities Smallpox had occurred during the year, asking as to when the patients were last successfully vaccinated. In none of the four hundred and five cases were any of the sufferers vaccinated within seven years, and only four or five cases had ever been vaccinated previously and most of these in infancy. A question was also asked in the letter as to marked instances where vaccination had acted as a preventative. Mostly every Health Officer gave many incidents of striking results achieved by the use of vaccination as a preventative. A Smith's Falls case, reported by Dr. Easton, where a severe case broke out in a family of eleven living in a small house where isolation of the patient was impossible. No Isolation Hospital being available, dependence was placed on the vaccination of the rest of the family. Vaccination was successful in every case and, although the patient mixed freely with the rest of the family, no new case developed.

A case reported by Dr. Parkhill where at a country dance a man, just recently from the shanties affected with a mild form of the disease, had joined in the festivities. Only one person at the dance was unvaccinated and that one contracted the disease.

While the great majority of Health Officers handled their outbreaks with great success, I think particular mention should be made in this regard of Dr. Easton of Smith's Falls, Dr. McCann of Renfrew, Dr. McIntosh of Carleton Place, Dr. Powers of Rockland and Dr. McPherson of Prescott.

Public Health Nurses.

A new departure was made by the Ontario Department of Health during 1920 by the establishment of a maternal and child welfare department. In connection with this department eight specially trained nurses were engaged to do public health work in the Province. The Red Cross volunteered to place eight nurses also specially trained under the Provincial Board, to cooperate with the provincial nurses in their campaign in behalf of public health. A Provincial nurse and a Red Cross nurse was assigned to each district. No hard and fast plan of campaign was decided upon as to the manner in which they would perform their work, but it was tentatively understood that the nurses would give three months' demonstration in each locality with the hope that after they had demonstrated to the people the benefits of public health nursing, the municipality would engage a nurse for public health work on their own behalf. The nurses are fully equipped with the necessary outfit to give demonstrations in public health work and the Government has also supplied them with an automobile to enable them to more effectively cover the locality selected.

Miss Gipson and Miss Halley began their public health demonstrations in Rockland in October and continued until January. They had remarkably good success in their campaign in educating the public generally as to the needs of public health work in the town. This was perhaps best shown in the breaking down of many prejudices so frequently found among our people. As an example, while previously vaccination was almost unknown in this town among the school children, co-incident with their coming there, 100 per cent.

of the children in the schools submitted to vaccination with little or no objection on the part of parents. While the chief credit of this is due to Dr. Powers, M.O.H., the Provincial Health Nurses were also an important factor. I am very hopeful that very satisfactory results will follow on the work of the nurses in this town. It is the intention that in the summer season the nurses will work in the rural districts, choosing some village as a centre and working in the surrounding country to such an extent as they can cover within the allotted time.

School Inspection.

By a new regulation of the Provincial Board, the M.O.H. is required to make an annual inspection of all schools within his municipality. It is true that, under the Department of Education, the Public School Inspectors are supposed to make a sanitary inspection of all schools in their inspectorate. I have no doubt that the inspectors in the past have made reports regarding unsanitary conditions in the different schools, but it has been my experience that after those instructions and reports have been sent to the trustees, they have been quite generally neglected. Inspection of pupils, as generally understood, is not by the Ontario law under the supervision of the Boards of Health but under the School Boards. Personally, I do not consider this the proper arrangement. I think that all matters pertaining to the health of the municipality, including the inspection of school children, should be under the local Boards of Health. The sanitary inspection made by the Medical Health Officers is already bearing good fruit in an improved supply of drinking water for the children, more sanitary toilets, better lighting and ventilation and better facilities in the wash rooms. This work of the Health Officers is only in its inception and should become more efficient as the Health Officers learn more clearly, the duties expected of them in this regard.

P. J. Moloney, M.D., C.M., *D.O.H.*

DISTRICT NO. 6

Comprising the Districts of Nipissing, Parry Sound, Timiskaming and Sudbury.

I have the honor to submit herewith the eighth annual report of District No. 6.

Travelling expenses continued to rise throughout the year so that although the distance travelled is considerably less than last year the cost is almost as great.

1919—Distance travelled 26,185 miles. Expense $1,253.97.

1920—Distance travelled 21,794 miles. Expense $1,202.14.

The staff in this district has been augmented by the addition of two nurses, Miss Linton and Miss Micklejohn. This has permitted the carrying forward of new lines of endeavour, especially the organization of municipalities for the application of the principles of hygiene to the child. The statistics which will be obtained from the different municipalities should be found of great value to the Provincial Board. The data to be collected by the district nurses should be specified by the Department and so co-related as to be of the greatest service in arriving at conclusions. The efforts of the nurses have

been crowned with success in Timmins where their work was first begun in Oct. 20th, 1920. The town obtained the services of Miss Lowe,who will carry on the work of community nursing in this place, as well as Separate and Public School Inspection. We anticipate a reduction of communicable diseases and the infant mortality rates. There will also be a diminution in the prevalence of parasitic infections of school children. Our district nurses have recently left Timmins for the Township of Tisdale, where they are now employed and where we are hoping they will be able to add other laurels to their credit.

The proposition of a new laboratory at North Bay has finally been launched. The contract has been signed and the building is about ready for occupation. We are anticipating that such a laboratory will have all the work it can do, with a corresponding benefit to Northern Ontario. Indeed the time factor between the obtaining of specimens and the securing of results will be so reduced as to eliminate all outside bacteriologists, for work within District No. 6. A supply of vaccines, anti-toxins and other laboratory products will always be on hand. This will make it possible to place these products in the hands of any physician in the District within eighteen hours. Service is the motto of the Provincial Board and few of its efforts have been fraught with greater possibilities to this section of the Province. The expressions of appreciation which have so frequently been received by your officials, indicate that the public conscience is not impervious to the benefits which a well-equipped laboratory offers.

The appointment of three additional sanitary inspectors in the persons of Mr. D. McKee, Mr. John Richardson and Mr. W. C. Miller has made it possible, for the first time, to give every camp in unorganized Northern Ontario adequate supervision. While some minor changes have been required in our camp regulations, their chief weakness has been in their want of supervision. I am satisfied that the increased attention will cure the great majority of the difficulties without any changes in the regulations. It will be unfortunate if the hands of these inspectors should be tied by arbitrary standards which will prevent them, after examination, from exercising their judgment. Such arbitrary requirements will then be found disastrous, and more binding on the Department than on the Companies; without in many cases, offering a more sanitary camp than has already been supplied. Many concerns have developed a style which meet their own peculiar needs and which embody the principles of hygiene to a degree not excelled by the proposed standards. Surely it is uncalled for,to force specifications upon these firms which compels them to scrap their systems and replace them with other methods which are no better. It would be sound principle to let the proposed standards stand in abeyance until the results of one year's efficient supervision has been obtained.

I cannot urge too strongly upon the Department the necessity of *limiting the jurisdiction of the Inspectors to the Health Districts* and placing them under the District Officers. This will tend toward efficiency and place the control on a much higher scientific basis. It will also make for unity and co-operation within the Department. There is plenty of evidence that the present system is far from satisfactory, hindering co-operation, fostering suspicion and distrust, and creating antagonism. It has always been found that several sets of officials, having similar jurisdiction, cannot work harmoniously together if they operate as separate organizations. This essential principle has been recognized by the Division of Child Welfare; since the nurses act under the dissrict officers. It is to be hoped that the department will not continue the pretent system which makes for friction and inefficiency.

Communicable Diseases.

This has been a year of large epidemics and although the death rate has been small, the total number of deaths has been large. There has been, beside this, a serious interference with both home economy and that of the schools. The prevalence of Communicable Diseases has revealed to us several important weaknesses in our present system. It indicates that certain diseases which are required to be reported are in many notable instances not returned at all; while other municipalities are making returns for but a small proportion of the cases. Sudbury has made no attempt to report cases of typhoid, measles, whooping cough, influenza, influenzal pneumonia and acute primary pneumonia. Deaths only from these diseases are returned. In fact they have limited their efforts at notification, to Smallpox, Diphtheria and Scarlet Fever.

North Bay has had extensive epidemics during the year of the following diseases:—Scarlet Fever, Diphtheria, Smallpox, Measles and Mumps. Although mumps are not required to be returned this is no reason that the others should have such scant attention, for only a small proportion has been reported. Below is a list of the number of each disease returned and also a list of the number of cases reported.

	North Bay	
	Cases Returned	Cases Reported
Scarlet Fever	16	24
Smallpox	16	40
Measles	21	290
Diphtheria	4	44

Haileybury has had another serious outbreak of typhoid with probably fifty cases and ten deaths. Yet only twelve cases were reported and no deaths. The Township of Bonfield has had an extensive outbreak of diphtheria but only a few were reported; in fact the most of them had no physician as the disease was unusually mild. There were, however, ten or fifteen deaths. The same conditions in regard to diphtheria existed in Sturgeon Falls with but few returns and a large number of deaths proportionately.

This district was visited with another wave of Influenza this year which left its trail of dead and maimed in its wake.

Below is a comparative table of cases of communicable diseases for this year and last year:—

	1920		1919	
	Cases	Deaths	Cases	Deaths
Smallpox	297	0	142	0
Scarlet Fever	129	2	75	2
Diphtheria	136	15	62	5
Measles	181	8	173	12
Whooping Cough	108	2	85	0
Typhoid	91	13	53	4
Tuberculosis	22	20	1	3
Infantile Paralysis	0	0	1	0
Cerebro Spinal Meningitis	5	5	6	4
Influenza	875	30	4	3
Influenzal Pneumonia	35	42		

	1920		1919	
	Cases	Deaths	Cases	Deaths
Primary Pneumonia	15	27		
Trench Fever	0	0		
Typhus	0	0		
Dysentry	48	6		

Smallpox—Smallpox was reported from 25 or 26 municipalities within this district during the year. The disease continued in its mild form which prevented the reporting of many cases especially when this gave promise of avoiding quarantine. The chief epidemics were in Sturgeon Falls, North Bay, Sudbury, Mattawa and the Townships of Delamere, Bigwood, Maitland and Cosby. In Sturgeon Falls your officials went to the assistance of the local authorities; a public meeting was held; and the residents informed of their responsibilities as citizens, in regard to the reporting of communicable diseases. They were informed that it was the intention to make a house to house canvas and that while we were anxious to let bygones be bygones, we would have to hold them responsible for any cases of smallpox which were found in these homes, which they had not reported. Smallpox was reported from about thirty homes within the next two or three days; and the town was free of the disease within four weeks.

Scarlet Fever—This disease was reported from twelve municipalities within this District. The chief epidemics were in North Bay, Sudbury and Copper Cliff. The mortality was strikingly low and had a tendency to adopt the form which has been prevalent in Fort William since 1917. This may, however, not be an unmixed evil, for although the disease may be almost impossible to control by present methods, we will obtain our immunity with a minimum death rate. The fact that the disease has been prevalent in Copper Cliff during the whole year would suggest that it is so mild that it is frequently missed.

Diphtheria—Diphtheria was reported from sixteen municipalities, with the chief epidemics in Sturgeon Falls, Sudbury, North Bay, Township of Ferris and the Township of Bonfield. The disease was of very mild type, running through family after family with little disturbance more than a sore throat which lasted for a day or two. The nature of the illness was usually not recognized; and as a rule the child promptly recovered. In a few instances in which there was little or no reaction of the body against the organism, the child, after five or six days, began to go down hill. Unfortunately the seriousness of the infection was usually not recognized until the patient was past help, and when the physician was called the child was nearing the end. I accidentally came across such a patient in the Township of Bonfield during my investigation of the outbreak in that municipality. The prompt administration of 10,000 units of anti-toxin threw the balance on the right side; and the life of the young woman, whose condition had caused no anxiety to the family, was undoubtedly saved.

Measles and Whooping Cough—These two diseases may be considered together since a pneumonia complication is the usual cause of death in each case. One must keep in mind that many more die from measles than from whooping cough; and that while the second year holds the highest mortality for measles, the first is the most dangerous in whooping cough. In measles, following this in the order of severity, are the third and first years respectively, after which there is a rapid and steady decline to the fifth year after which there are no more than five per cent. of the total deaths.

A very small proportion of the total number of cases of measles is being reported. For example, there were at least 290 cases in North Bay, which is more than was reported from the whole district. Sudbury reported four deaths from this disease, but no attempt was made to give the number of cases.

Measles were reported by nineteen secretaries of Local Boards. The chief outbreaks were in North Bay, Copper Cliff, Sundridge, Iroquois Falls, Latchford, South Porcupine and the Townships of Ferris and North Himsworth.

In Smooth Rock Falls there was an outbreak of whooping cough of some proportions but no attempt was made to give the number of cases. The disease was reported from six municipalities, the chief being Smooth Rock Falls and Sundridge.

Typhoid—Typhoid made its appearance in eighteen municipalities. The most serious occurrences were in Haileybury, Sudbury, Sundridge Foleyet and Smooth Rock Falls. The reappearance of old offenders such as Haileybury, Sudbury and Smooth Rock Falls is to be noted. It must also be observed that all treat their water supply by chlorination while Haileybury filters as well. One must conclude that there is some incompetency in the operation of the plants. I cannot urge too strongly that Haileybury discard their present chloride of lime system and install a more up-to-date plant if they would eliminate typhoid. The number of cases in town was greatly in excess of the number returned. In Sudbury the cause of the epidemic does not seem so self-evident and further observation will be required to locate the cause. The difficulties at Foleyet seem to be in the pollution of wells and in fly infection. The correction of these things brought the outbreak to an end. In Sundridge contact has been a large factor in the spread of the disease. There have been several suspected carriers under observation. Flies and well pollution have also been factors. The Provincial Board lent an Inspector, Mr. D: McKee, to the municipality for a week with the result that the privies were put in first class condition. Smooth Rock Falls is used as a dumping ground for the contagious diseases in the camps of the company. The use of condemned water supplies is the chief factor, although some of their cases were due to a milk infection.

Tuberculosis—For the first time in several years there were more cases of tuberculosis reported than deaths from that cause. Yet it is quite evident that the returns are very incomplete. It is my intention during the coming year to try and check up the laboratory examinations with the cases reported. In this way it is hoped to bring home his neglect to the physician and stimulate the reporting of tuberculosis. It may be interesting to state that thirty-nine positive examinations were made by the Provincial Laboratory this year, of which twenty-two only were reported.

Dysentry—The epidemic of this disease which occurred in Iroquois Falls last summer is worthy of some attention. There were forty-eight cases and six deaths. A concerted effort will be made to prevent a recurrence next season.

Water Supplies

During the past year the municipalities have generally decided to curtail expenditure on capital account. Almost nothing has been done to extend water supplies.

Sewers and Drains

Timmins has about completed its new sewer system, but the town has not been allowed to use them since the disposal plant has not been completed. The town expects to finish this and make wholesale connections during the coming summer.

Conditions at Matheson are still hanging fire and although the Department has tried to suggest measures to help them out of their difficulties, at a minimum cost, no action has yet been taken toward a solution. Apparently the town is entirely unable to meet its obligations.

At Sturgeon Falls a new trunk sewer has been laid which will give house services to a large proportion of the town not yet connected. It is to be hoped that this will be followed by by-laws enforcing connection where possible; as the town is suffering from the unsanitary condition of its privies and the Treasurer needs the extra income which such extra water services will bring. The local Board of Health should grapple with the problem of reducing the number of privies.

Privies

Reference has already been made under the heading of typhoid, to the efforts in the village of Sundridge to standardize the privy.

A new departure has been inaugurated in the camps of the Abitibi Power and Paper Co. A contract has been let to a capable man who sees that camp privies are regularly cleansed and disinfected. I am not able as yet to pass an opinion on this system, as I have not been able to get a report from Dr. Menzies on the locations used for the deposit of the collections.

It is necessary to point out again this year that even where night soil collection has been efficiently carried out, there has been a tendency to allow privies to fall into disrepair. An eleventh hour effort was made in North Bay to correct and repair privies before the frost came. An incomplete job was the result, but it was of great value in improving the worst buildings; making it possible to carry on the service through the winter months. Cobalt, Haileybury, New Liskeard and Sturgeon Falls need a careful survey of the privies. Changes in structure, location and methods of cleansing are urgently required.

My conclusion is that although there are few more important considerations to the Medical Officer of Health in the small urban centres, than the privy, the Medical Officers are making little effort to maintain them in sanitary condition and protect the contents against flies.

Venereal Diseases and Statistics

The general prevalence of these diseases is not known by the district officers, since the returns sent to the department from the various districts are not reported to them. Let me urge that the Department return the venereal disease cards to the respective district officers to be used for statistical purposes and as a check on the medical officers and physicians who are neglecting their duty.

It may be wise to mention here that the district officers are deplorably deficient of statistics regarding their districts. They should have, beside the venereal disease returns just mentioned, monthly or tri-monthly statements of births and deaths with causes, names, ages, etc.

Dairies

No great effort has been made in this district to obtain information as to the conditions of dairies. This was largely due to want of time. In Timmins one dairyman wanted a monopoly of the milk business in exchange for an

adequate supply which he promised to pasteurize. His history has not been one that could recommend the exclusion of all other producers. It was also pointed out that none of the others could be excluded, providing they agreed to install as efficient apparatus.

Cobalt has had a serious time with its milk supply but the trouble has largely been a low fat content, rather than dirty milk. The municipal campaign has had, not only the effect of correcting the low fat content, but of giving the town a cleaner product.

Annual Report

If the department would set forth the data to be included in the annual reports of the medical officers, as was suggested last year, it would assist greatly in the gathering of evidence for departmental purposes and of improving the quality of these reports. Wider publicity of the annual reports of the medical officers s a duty on the local Board of Health. Interchange of health reports with the neighbouring municipalities, needs to be continually encouraged.

Conclusion

The department should standardize the data to be collected by the district nurses so that conclusions can be arrived at by considering their work collectively.

2nd. Limit the jurisdiction of the Inspectors to the health districts and place them under the district officers in order to increase efficiency, place the scientific basis on a higher level, increase co-operation, remove suspicion and distrust, create harmony and remove friction. These men are educationally equal and therefore should be treated on the same level.

3rd. The Department should come to an understanding with the town of Matheson in order to put into operation their sewer system, which is of great importance to the hospital and to the new school. The Department of Education may be willing to help in this solution, since the school was financed by it.

4th. Send the district officers venereal disease and birth and death statistics.

5th. Set forth the data to be included in the annual reports of medical officers.

Respectfully submitted,

W. Egerton George
District Officer of Health.

DISTRICT NO. 7.

G. L. Sparks,

District Officer of Health

Subject:—"Annual report for year 1920,
(March to December, inclusive)"

Sir,—I have the honour to submit herewith my annual report of work done in District No. 7 from March 1st to December 31st. inclusive.

After taking over the District on March 1st, twenty-three medical officers of health (covering practically every organized municipality) were notified by letter, of my appointment as district officer.

Biological Products

During the month of March, arrangements were made to have supplies of the Provincial Board's free biological products available for emergency distribution from their branch laboratory at Fort William. Dr. N. O. Thomas, Director of the laboratory, co-operated with me in this work; and on March 26th, notified by letter each medical officer of health in the districts of Kenora, Rainy River and Thunder Bay that the following products were available: smallpox vaccine, diphtheria anti-toxin, anti-meningitis serum, tetanus anti-toxin, pertussis vaccine, anti-typhoid vaccine and silver nitrate for prevention of ophthalmia neonatorum.

Health Survey of Rural Schools

On May 10th Mrs. B. M. Harvey and Miss E. B. Hubman, graduate nurses temporarily employed since February 11th by the Provincial Board of Health, completed a health survey of fifty-five rural schools in the district of Thunder Bay. Seventy-six inspections were made, a number of schools being visited a second time; and a few schools being visited the third time. Of 1,299 pupils enrolled, as found on first visits, 831 were inspected, the remaining 468 being absent from school. Complete reports were sent to the Board on March 6th, May 12th and July 13th.

Annual Conference

On May 25th and 26th I attended at Toronto the annual conference of the Ontario Health Officers' Association.

Re-Arrangement of District

Owing to the fact that the Districts of Algoma and Manitoulin are (after December 31st, 1920), to be included in Health District No. 8, I did not carry on sanitary inspections in these two districts, but visited them only when necessary to deal with outbreaks of communicable disease.

Sanitary Inspections—(A) Organized Municipalities

Sanitary inspections were made in the following municipalities, reports being sent to the Provincial Board on the dates mentioned:—

Municipality	Date of Inspection	Date of Report
(1) Rainy River	June 28-29, 1920	August 10, 1920
(2) Nipigon	August 18, 1920	August 19, 1920
(3) Kenora	August 26-27, 1920	September 2, 1920
(4) Keewatin	August 28, 1920	September 7, 1920
(5) Sioux Lookout	September 16, 1920	Sept. 20, 1920
(6) Schreiber	September 24, 1920	Sept. 27, 1920
(7) Fort Frances	December 1-2, 1920	December 10,1920
(8) Emo	December 3, 1920	December 11,1920
(9) Dryden	December 17, 1920	December 22,1920

After each inspection I met the local board of health, and gave such assistance and advice as I could. I am convinced as a result of these inspections that local boards of health should pay more attention to enforcing the sanitary requirements of the Public Health Act, and the rules contained in Schedule "B."

(10) In the City of Fort William I inspected the following:—
McKellar General Hospital, May 18th.
Police Stations and Court House, May 18th.
Municipal Isolation Hospital, May 19th.
St. Joseph's Orphanage, May 20th.
Children's Shelter, May 21st.
Twelve Dairies, June 3rd-5th inclusive.
City Water Supply System, June 7th.

No reports of sanitary inspections in Fort William have been sent to the Provincial Board. I hope to continue these inspections in the cities of Fort William and Port Arthur during the coming year.

(11) On December 14th, I inspected the Thunder Bay District Gaol, in the City of Port Arthur; and sent to the Provincial Board a report dated December 14th. This inspection was made under instructions from the Chief Officer of Health.

(B) Unorganized Territory

Inspections were made at Atikokan (a divisional point on the C. N. Ry.) in the District of Rainy River, on July 26-28, 1920, August 21, 1920 and November 29, 1920. Reports (dated September 1, 1920 and December 7, 1920) were sent to the Board.

On August 28th the following inspections were made in the District of Kenora:—(1) Sewage Disposal Plant Kenora Indian School; (2) 'M. L. A.', Lake of the Woods. Reports were sent to the Board on September 7th.

Dairies

During the year thirty-one dairies were inspected:—Fort William 12, Kenora 11, Keewatin 4, Fort Frances 2, Schreiber 1, Emo 1. The equipment, and sanitary conditions of dairies and surroundings, varied to a considerable degree. Serious responsibilities are placed upon local boards of health with regard to the supervision of milk supplies. Every person selling milk should be compelled to observe the requirements of Rule 10, Schedule "B", Public Health Act. The efficiency of all pasteurizing plants should be checked up daily by the local boards' officials, and the local boards should be the judges of the cleanliness of all pasteurized milk offered for sale in the municipalities.

Water Chlorination

Water chlorination systems were inspected at the municipal pumping stations in Rainy River, Fort Frances and Kenora. Chlorinated lime solution is used in each case. Until—at these pumping stations—known quantities of definite strength chlorinated lime solution can be introduced into known quantities of water pumped into the municipal water mains during given periods of time, this very important safeguard in the three municipalities must remain more or less a matter of guesswork.

Sewage Disposal

A number of municipalities discharge their sewage without preliminary treatment directly into nearby streams or lakes. As population increases, the time will come when the limits of safe loading for water purification plants will be exceeded.

Night Soil

The collection and disposal of night soil in some municipalities inspected should receive more careful attention. It is very important that local boards of health realize the necessity of enforcing the requirements of Schedule "B", which is a by-law in force in every municipality until altered by the municipal council with the approval of the Provincial Board.

Water Analyses

Sanitary inspections have demonstrated the necessity for close and continuous supervision by local boards of health over municipal water supplies.

I have endeavoured to persuade medical officers of health (and secretaries of local boards of health) to send to the Provincial Board's branch laboratory at Fort William samples collected at regular and frequent intervals from the public sources of supply; also tap samples wherever necessary to determine the efficiency of chlorination or other treatment.

Up to and including December 31st, forty-two samples were received from the municipalities of Rainy River, Kenora, Keewatin, Nipigon and Schreiber. Four samples were received from the city of Port Arthur, and six samples were received from the city of Fort William source of supply at Loch Lomond. Dr. N. O. Thomas, Director of the laboratory, made bacteriolgical analyses, and mailed reports to the municipalities. He also collected twenty-two samples from Fort William city taps and I collected ten samples from Port Arthur city taps. Complete reports, dated November 11, 1920, and January 7, 1921, of these eighty-four analyses were sent to the Provincial Board, and it has been shown that constant supervision and care are necessary to insure safe supplies of water for domestic purposes. I would recommend that municipalities, having public water supply systems, be compelled to send for analysis samples collected from the sources of supply twice weekly throughout the year, and where (as at Port Arthur, Kenora, Rainy River, and Fort Frances) it is necessary to chlorinate or otherwise treat the water that daily tap-samples be required to determine the efficiency of such treatment. Also, daily tap-samples should be examined wherever (as at Fort William) the water mains of a municipality, supplied with water from a safe source of supply, are laid through a polluted pond or stream; or where (as at Fort William)there is any emergency connection between the municipal water mains and a fire-protection system obtaining water from a polluted source of supply. In Rosenau's Preventive Medicine and Hygiene, the following statements appear:—"In some instances epidemics originate through criminal thoughtlessness in a town that has been supplied with a pure or purified water;" also—"The admission of polluted water to a pure city supply at any time is inexcusable."

Communicable Diseases—(A) Organized Municipalities

The following lists were compiled from the returns sent to this office from the Provincial Board as received from municipalities in the districts of Kenora, Rainy River, Thunder Bay, Algoma and Manitoulin, the period covered being forty-four weeks from week ending March 6, 1920, to week ending January 1, 1921. (Port Arthur returns cover cases from week ending March 5, 1920 to week ending December 31, 1920, and deaths for thirty-seven weeks only):—

Disease	Municipality	Cases	Deaths
(1) Smallpox—			
	Fort William	5	0
	Port Arthur	47	0
	Neebing	3	0
	Paipoonge	1	0
	Schreiber	4	0
	Sault Ste. Marie	39	0
	Johnson	1	0
	Bruce Mines	3	0
	Thessalon Town	1	0
	Gore Bay	5	0
	Total	109	0
(2) Scarlet Fever—			
	Kenora Town	15	0
	Rainy River Town	8	0
	Worthington Tp.	1	0
	Fort William	191	2
	Port Arthur	49	2
	Oliver	1	0
	Paipoonge	1	0
	Shuniah	1	0
	Schreiber	3	0
	Sault Ste. Marie	11	0
	Hilton	3	0
	Total	284	4
(3) Diphtheria—			
	Rainy River Town	7	0
	Fort William	11	1
	Port Arthur	8	1
	Sault Ste. Marie	6	0
	Bruce Mines	1	0
	Thessalon Town	1	0
	Total	34	2
(4) Measles—			
	Keewatin Town	2	0
	Kenora Town	2	0
	Machin Tp.	1	0
	Dryden	43	0
	Fort Frances	63	1
	Fort William	922	8
	Port Arthur	359	1
	Paipoonge	2	0
	Schreiber	27	0
	Sault Ste. Marie	41	0
	Day & Bright Adl.	5	0
	Bruce Mines	13	0
	Tarbutt & Tarbutt Adl	10	0
	Total	1490	10

Disease	Municipality	Cases	Deaths
(5) Whooping Cough—			
	Rainy River Town	15	0
	Fort William	35	3
	Port Arthur	3	0
	Schreiber	2	0
	Korah	5	0
	Tarbutt & Tarbutt Ad	3 (and 10 doubtful)	0
	Total	63 (and 10 doubtful)	3
(6) Typhoid Fever—			
	Keewatin Town	4	0
	Kenora Town	2	0
	Fort William	3	0
	Port Arthur	4	0
	Korah	1	0
	Sault Ste. Marie	7	0
	Total	21	0
(7) Tuberculosis —			
	Fort William	19	6
	Port Arthur	2	5
	Sault Ste. Marie.	0	1
	Total	21	12
(8) Influenza—			
	Keewatin	2	0
	Fort Frances	0	1
	Fort William	17	7
	Schreiber	77	0
	Total	96	8
(9) Acute Influenzal Pneumonia—			
	Fort Frances	0	1
	Oliver	1	0
	Fort William	14	4
	Port Arthur	0	21
	Schreiber	1	0
	Total	16	26
(10) Acute Primary Pneumonia—			
	Fort William	55	8
	Port Arthur	0	2
	Total	55	10
(11) Mumps—			
	Port Arthur	2	0
	Schreiber	12	0
	Total	14	0
(12) Chickenpox—			
	Keewatin	1	0
	Port Arthur	14	0
	Total	15	15
(13) Infantile Paralysis—			
	Port Arthur	1	0
	Total	1	0
(14) Cerebro-Spinal Meningitis—			
	Port Arthur	0	2
	Total	0	2
(15) Impetigo Contagiosa—			
	Schreiber	5	0
	Total	5	0
(16) Erysipelas—			
	Fort William	4	0
	Total	4	0

The above returns were received from twenty-three out of a total of fifty-nine municipalities. Thirty-one smallpox cases were reported from Port Arthur between May 8th and June 11th, no cases being reported since October 1st. In Sault Ste. Marie smallpox cases have occurred at intervals during the year, cases being reported in eight of the ten months.

Scarlet fever cases were reported from Fort William during thirty-eight of the forty-four weeks; and from Port Arthur during twenty-five of the forty-four weeks. It would appear that so long as the cause of scarlet fever remains unknown, an epidemic may spread because of lack of means to promptly recognize carriers and mild cases showing no eruption. Also, lack of accurate means to determine just how long a child remains infective after scarlet fever is another leak in our measures against the spread of this disease.

Diphtheria has been kept well under control, as the reports indicate.

The incidence of measles in urban communities appears to be unaffected by isolation and quarantine. The reports from Fort William and Port Arthur indicate how this infection spreads—evidently during the period of invasion before the cases are recognized and isolated.

Isolated cases of typhoid fever have occurred, but no deaths have been reported. Three cases of typhoid fever were reported from Keewatin for week ending October 16th. On October 30th, the local sanitary inspector collected a sample of water from the Lake of the Woods, twelve feet from shore near where the people with typhoid fever obtained their supplies of drinking water. This sample showed Colon Bacilli in one c. c. The examination of water samples received during the past few months, has demonstrated that in a number of municipalities dangerous pollution of water supplies is a fairly frequent occurrence.

There is need for a sanatorium in this part of Ontario. Often the only way to protect other members of the family from infection with tuberculosis is to remove the patient to a sanatorium.

During November and December thirty-eight cases of influenza were reported from Schreiber. No deaths were reported.

At the invitation of the local medical officers of health three visits were made into organized municipalities in connection with communicable diseases. Reports were sent to the Board on July 16th and August 3rd.

(B) Unorganized Territory

Nineteen visits were made into unorganized territory in connection with communicable diseases; and reports of same were sent to the Board. These trips took from one to ten days each, depending upon the distance from Fort William and upon the accessibility of the community.

The Public Health Act does not provide for local health machinery in unorganized territory, except that District Police Magistrates are "ex-officio" medical officers of health, and constables are "ex-officio" sanitary inspectors As a result it is difficult to deal with communicable diseases, owing to their being few local officials upon whom to place responsibility. Cases in isolated communities can often only be reached after one or two days' travel; and the necessity of dealing directly with individual cases results in a great deal of time being spent at this work. The lack of local officials, to whom physicians may report cases of communicable disease, adds to the confusion; and it is evident that doctors must be instructed individually to report to the district officer or to the Provincial Board.

Venereal Diseases

(*A*) *Reporting*—In accordance with instructions received from the Director, Division of Venereal Diseases, I have pointed out to each medical officer of health, in the municipalities visited, the importance of rendering weekly returns to the Provincial Board. The venereal disease weekly return cards are not forwarded to the district officers; but the Director has informed me that there is still room for improvement in the reporting of venereal diseases.

(*B*) *Venereal Clinic.*—It is more than probable that a single venereal clinic for the cities of Fort William and Port Arthur will be established in Fort William early in the coming year.

Public Health Nursing

On October 31st, I accompanied Miss Carr Harris and Miss Whitworth, Provincial Public Health nurses assigned to District No. 7, to Kenora, where it was proposed to establish the initial demonstration centre and child welfare clinic. Since then Miss Carr Harris and Miss Whitworth have carried on this work in Kenora where their efforts heve been appreciated; and where it is hoped that the municipal authorities will eventually appoint a public health nurse.

Sanitary Supervision Unorganized Territory

During the month of November Mr. D. McKee, Provincial Sanitary Inspector, commenced his duties in District No. 7, and since then he has inspected as many lumber and other camps as his time would permit. It is evident that, owing to the railway routes, Fort William is the logical headquarters for two Provincial sanitary inspectors, one to supervise camps and small communities in the districts of Kenora and Rainy River, and the other to have charge in Thunder Bay District, or as far east as practicable. One inspector cannot effectively supervise the immense extent of unorganized territory at present under Mr. McKee's jurisdiction.

Annual Reports from Local Boards of Health

During November and December I requested the secretaries of twenty-eight local boards of health in the districts of Kenora, Rainy River, and Thunder Bay to send to me duplicates of their 1920 annual reports, which they are required (by Section 23, Public Health Act) to transmit to the Secretary of the Provincial Board. Fourteen duplicates were received, and the medical officers of health of Fort William and Port Arthur also sent to me duplicates of their 1920 annual reports. These duplicates have been useful, as they have kept me in more effective touch with health conditions in the municipalities. I would recommend that it be made compulsory for secretaries of local boards of health to send to the district officer duplicates of their annual reports to the Secretary of the Provincial Board. Otherwise these reports are not seen until the Provincial Board's annual report is published, while they are of the greatest value at the time when they are made out by the secretaries of the local boards.

I have the honour to be, sir, your obedient servant,

G. L. Sparks,
District Officer of Health

DISTRICT NO. 7 1920 DISTRICT NO. 2

Dr. Robt. E. Wodehouse, O.B.E.

Provincial District Medical Officer of Health

To Dr. J. W. S. McCullough, D.P.H.,
Chief Provincial Medical Officer of Health

Sir,—I beg to report upon the year's activities.

During the month of December, 1919, arrangements were made for an Educational Campaign of the entire district No. 7. Miss Knox of the Division of Maternal and Child Welfare, Provincial Board of Health and Mr. Jones in charge of the Provincial Health Exhibit, were assigned by your office to assist, and the following municipalities were visited:—Blind River, Thessalon, Sault Ste. Marie, Kenora, Fort Frances. A stay was made in each of these places and all the babies born there within the previous twelve months were visited in their homes. Advice or assistance was given to their mothers or guardians in the latest approved methods for the care of the baby. The personal services of Miss Knox were appreciated very much by the people visited. Interesting data with regard to each family was obtained from the mothers and all the mothers were requested to visit the clinics held in the town or city during our stay there. Many interesting facts collected during this tour are enumerated in an article I published in the Public Health Journal, Volume XI. No.5, May, 1920, entitled "Public Health Information Bearing upon Pre-Natal Subjects."

A considerable amount of lumber camp inspection work was done, assisted by the Sanitary Inspector, Alex. White.

In response to instructions received from your office in March, 1920, I removed to Toronto and assumed duties assigned to me in District No. 2, which is made up of the counties of Huron, Bruce, Grey, Dufferin, Waterloo, Wellington and Perth.

Before July 9th the following places were visited by railroad:—London, Galt, Preston, Rockwood, Guelph (three times), Waterloo, Kitchener (three times) Hespeler, St. Mary's, Stratford, Orangeville, Elora, Fergus, Listowel, Palmerston, Milverton, Harriston, Walkerton, Paisley, Southampton, Port Elgin, Allenford, Mitchell, Seaforth, Clinton, Goderich, Camperdown, Vancouver, Thornbury, Clarksburg, Meaford, Owen Sound, Wiarton, Lion's Head, Hepworth and Hanover.

After a motor car had been provided I visited the jurisdiction of one hundred and five local Boards of Health as well as many Boards regarding visits to certain communities.

Since having the use of the car, at least one hundred and sixty eight centres are enumerated as having expense items, showing visits made to these places during this five months' period. The provision of a car has made possible the accomplishment of Field Work in volume and detail which could not have been attempted without a car. More than half of the rural sections are not served by railway and can only be visited by hiring livery conveyances. Furthermore many features of urban health interest necessitate livery hire to visit them. A large number of these places can themselves be visited as a routine which without a car might be neglected until complaints are made. Sometimes five centres in one day have been visited officially, surveys of Registrars and Board of Health records made and the Board of Health and officers met in round-table conferences.

Each county Medical Society had arranged a meeting for discussion of state medical subjects and addresses were delivered by myself, Prof. Fitzgerald, Dr. George Porter, Dr. Roy McClenahan, Dr. Cunningham and Miss Power, the latter three being Directors of Divisions in the Provincial Board of Health. I wish to record my thanks and appreciation for the above assistance.

The Boards of Trade of Owen Sound and Galt were addressed by yourself, Prof. Fitzgerald and myself. The Chamber of Commerce of Stratford was addressed by Dr. George Porter, Dr. Cunningham and myself. Both the women's and men's Canadian clubs of Kitchener and Waterloo were addressed by Professor Fitzgerald and myself. The Rotary Club of Guelph and local branch of the Canadian Red Cross Society were addressed by me. Public Health meetings for the enlightenment of the general public on health matters were held in Guelph, Galt, Stratford, St. Mary's, Kincardine and Walkerton, and addresses were given by the Hon. Mr. Rollo, the Hon. Mr. Mills, Prof. Fitzgerald, Dr. George Porter, Dr. Cunningham, Miss Power, Mr. Carl Holmuth, M.L.A., and myself. The Director of the Division of Public Health Education, Dr. Middleton, assisted very materially in the propaganda pertaining to these meetings. Grateful appreciation is here acknowledged to all those who kindly assisted.

The two public health nurses operating under the Provincial Board of Health in District No. 2, put on their first demonstration in Galt, and as a result a public health nurse has been engaged there by the local Board of Health. Well-Baby, Pre-Natal and Chest Diagnosis Clinics have also been established in Galt as a nucleus to a permanent Health Centre there.

The nurses afterwards moved to Guelph, where similar success is hoped for, to operate from a Health Centre to be established there.

Owen Sound has decided upon a Health Programme with a public health nurse employed under the Board of Health, and operating from a health centre, which will include Well-Baby, Pre-Natal and Anti-Venereal work as well as a Venereal Clinic.

May I conclude this report by attaching some tabulated data, which may be of interest.

I have the honour to be, sir, your obedient servant.

(Sgd.) R. E. Wodehouse

REPORT OF PROVINCIAL SANITARY INSPECTOR

NORTH BAY

North Bay, March 29th, 1921

From Alex. R. White, Provincial Sanitary Inspector, North Bay.

To the Provincial Board of Health for Ontario.

I have the honour to submit for your consideration, my fourth annual report, covering the year 1920, as your Inspector.

The year which has just closed may be said to have been an extraordinary one in so far as our Lay Inspector's branch is concerned. The generosity of the Government in recognizing the arguments of the Provincial Board, together with the claims of Northern Ontario for an increased staff of Sanitary Inspectors, is most gratifying.

The policing of this huge territory, if one might use the expression, the multitude of duties to be performed, the effort required to supervise and prevent the pollution of our rivers, streams and lakes at their head waters, is vitally necessary if typhoid and dysentery epidemics are to be prevented in the towns and cities generally situated on the lower reaches of these large rivers, and using these waters for domestic consumption. It is therefore my opinion that the benefits Northern Ontario will derive from the services of our increased staff of inspectors will be very great indeed. I know of no act on the part of our Government, as effecting the Public Health of the Province, which is being more generally indorsed by all classes of citizens, than that which increased your staff of inspectors from two to five men. It is now possible to apply system, and to co-ordinate our work. It has not been a pleasure to me, I assure you, to present in past years an annual report, the chief import of which was that necessary work could not be performed for lack of assistance. I agree, it may have been difficult for older Ontario to view the picture of the North as seen by those who live and labour in that country. Nevertheless, statistics are not wanting to prove that the North is not only a very large territory, but that such industries as mining, lumbering, paper making and construction work, provide employment for thousands of men at high wages.

The lumbering industry is in itself a huge asset, and is doubly valuable as it provides work in the winter campsfor roughly 20,000 men, when very little other employment is available. It is doubtful if ma ny of us stop to ponder just what this industry means to our Province. There is disbursed in wages each season, which is of seven months duration, roughly $17,000,000 and if one estimates in addition to this, other items such as horse hire, feed, board, cost of camp construction and camp equipment, the total figure covering annual cost of operation, together with capital invested in woods plants, etc., would give us a total in round figures of approximately $50,000,000. It is our duty, therefore, as a Board, to do all in our power to promote the welfare of the men employed in the camps, as well as to co-operate with the employers who go to make up such an industry, and to attempt to solve and make livable all manner of camp life in the great unorganized territories should be the special work of your increased staff of Sanitary Inspectors. This is the only Public Health work undertaken by the Government for which the Provincial Board has to carry the entire responsibility. It is doubly necessary hen, that the work be sufficiently manned.

The mileage travelled during the year was less then formerly. My expense account has therefore been considerably lightened. It has not been possible this year to perform as much routine inspection as formerly, due to our now greatly increased office duties.

Lumbering Statistics, Unorganized Territory

Information supplied by the various Crown Timber Agents shows that during the season 1920-21, one hundred and twenty seven companies operated, [it is to be understood these statistics cover the lumbering season only] ,and as the operation takes place during the winter, work is carried on equally, part in 1920 and part in 1921. All other matters dealt with cover the year 1920 only.

This number of companies, we find, on inquiring and from the reports of contracting physicians, give us a total of 796 known camps, which provide employment for approximately 21,370 men.

Copies of 160 contracts covering the sanitary supervision of camps, together with the medical care of employees, have been deposited with the Board in conformity with our Regulations. It may be seen that the number of contracts received is greater than the total number of companies operating. This happens by reason of large companies contracting out part of their cut and the contractor preferring to carry his own responsibility. His name, therefore, does not appear on the Crown Timber lists. Only 27 of these corporations have answered the questions which appear on page 27 of our Regulations. We have, of course, received other information, but as a rule this has been so garbled as to be almost useless as statistics.

The monthly reporting by contract physicians, of inspections made, I find totals to 231 visits, together with approximately 100 sketches of new camps. The description given, however i most instances is unsatisfactory, as little detail concerning the sanitary arrangements provided or their condition, is explained. It would appear that many of the unsatisfactory contracting physicians would require to be dealt with and possibly those found not acceptable, eliminated.

Camp Inspections Made

The number of camp inspections made by me during the year was 42, as compared with 81, during 1919. The locations of these camps were near such places as:

Keney's Siding, Iroquois Falls, Cochrane, Low Bush, La-Riene, Timmins, Smooth Rock Falls, Levack, Stackpool, Whitney, Minaki, Sudbury, Township of Blythe, mileage 44½ Smokey Falls.

Possibly the only unfinished business carried over from last year's report is the test case before the Supreme Court, viz.: Rex versus the Abitibi Power & Paper Company of Iroquois Falls. The decision sought by the appealant (the Abitibi Power & Paper Company), was whether your Inspector had the legal authority to order a camp closed by reason of its dangerous location, and after one year of waiting, the Court decided in favour of the Prosecution, so that we now have a splendid working precedent, handed down by the highest court in Ontario.

In connection with the above Company, it was decided at a meeting held in Toronto before our chief officers, Dr. McCullough and Dr. Bell, the Company being represented by Secretary-Treasurer L. R. Wilson and their Solicitor, that if the Company guaranteed to revise their entire camp policy and instituted better sanitary and living conditions, and in addition would separate the woods medical contract from that of the Town of Iroquois Falls, install a scavenger service to care for the outhouses used in connection with these camps, and erect and operate a hospital at Low Bush, all cases then pending in the courts would be withheld until January of the present year when an inspection would be made and a decision arrived at. The Company instituted and put into force a *scavenger service, constructed the Hospital*, and separated the woods contract from that of the town as agreed, thereby providing one of the best services to the men existing in Ontario today. No inspection of the camps could be made as agreed, however, after the date fixed, by reason of all cutting camps closing on December 26th, two months earlier than any previous year, with the full cordage of wood procured, namely 250,000 cords. The contracting physician, Dr. Menzies, reports that particularly in the larger or Company camps, this season great improvements have been effected, and that the main difficulty now lies in reforming the so-called jobber or sub-jobber camps. He further reports that outdoor privies are and have been kept in sanitary condition this season for the first time within his knowledge. Such a statement should be gratifying to the Board when consideration is given the fact that uncared-for bowel and bladder discharges have been causing *great loss of life*, as well as terrific economical losses, by reason of Typhoid and Dysentery, such as we had in the vicinity of Iroquois Falls three years ago.

It is decidedly interesting to note the progress made over a period of four years in camp construction, as applied to the larger and semi-permanent camps. It is understood, of course, that large sums of money cannot be spent upon camps which operate for *one season* only. There is no reason, however, why a sum such as $5,000.00 cannot be expended on a 75 man camp, situated so that it may operate *three seasons*. Indeed, I herewith present a picture of Camp No. 30, operated by the Abitibi Company, alleged to have cost $12,000.00, which is to operate *four seasons*, and I am assured by the management such will pay, and pay well.

Conclusion re Lumbering Industry

It has been impossible of course, to estimate the additional value of work performed by the new Inspectors, who have only served part of the year, and as much of that time was spent studying here at North Bay with occasional trips with Mr. Taylor or myself as a demonstration. It will therefore be impossible to measure the actual value derived from work carried on by your Inspectors until the annual report for next year is read. A consolidation of all five Inspectors' reports will then be possible covering a full year. Early this year, however, a definite ruling must be given as to just what is expected of these men. After this decision is made, a definite responsibility must be fixed upon each Inspector; this is necessary if overlapping is to be prevented with the office of District Officer. In my own case there seems to have been no difference between my duties and those of the Medical Officer. In Northern Ontario, one has to do as much good as possible regardless of etiquette, provided the work to be done is for the public's benefit, and is properly performed.

There has not been as much hewing to the line, so to speak, as in former years, due to a sweeping change expected in our Regulations. To have ordered changes in camp construction wholesale, in view of the fact that our regulations were being revised, would have been a gross mistake, and an injustice to the lumbermen. I have in my last two reports argued that I did not believe the result required could possibly be reached by our present methods and by use of the present Regulations. Since these were open to many different interpretations, it therefore seemed that to make the proper headway one had to either standardize the ideas to your Inspector's respecting construction, in order to prevent two officials coming upon the same job (at different times) and offering different advice. The company affected by this happening lost money, and one or other of the visiting Inspectors would certainly lose popularity. The company meanwhile would be undecided as to which advice to follow, with the result (to be expected) that nothing could be done. To have standardized the ideas of your officials would be impossible without, of course, a special training, not yet available. The only safe course left, then, to pursue, would seem to be in effecting a standardized method

of construction, to be agreed upon by all interested parties. There are three very distinct advantages in setting up such a standard. Firstly, the lumbermen can see exactly what is expected of them. Secondly, labour knows just what it is entitled to and the futility of demanding more. And in the third place, an ideal is at once set up as a standard in the minds of your officials, making what had previously been doubtful propaganda, now easy and sure.

Great credit should be given to Dr. McCullough, our chief, and to Dr. R. W. Bell, who have spent a great deal of time on this work, in seeing the wisdom of these arguments, and in arranging meetings at Toronto and Ottawa with representatives of Capital and Labour interested, and in creating the four classes of standardized camps, together with a Regulation permitting their use acceptable to all parties, so that you now have before the Board, plans, specifications and revised regulations, which, if properly applied, should place Ontario very easily in the first place in sanitary camp construction. Perhaps the greatest concession made to the employer respecting these Regulations, is that old camps in existence when the new law comes into force, will be allowed to operate without alteration for a period of *three years*. That is, provided they comply reasonably with the present laws, but all new camps to be constructed after the passing of the new order, shall be patterned after one of the four standards set out. Such a procedure will prevent the chaos which usually follows the introduction of a new measure applied sweepingly, immediately after being placed upon the statutes. It is confidently hoped, that five years after the passing of these Regulations, all camps in Ontario will be those of your Standard design. More rapid reform than this can hardly be expected. It is only fair to say that the knowledge supplied by Dr. Bell, already referred to, and Pioneer Officer of our Board, has been of exceptional value in presenting this reform. The Doctor's knowledge of camps and camp life far exceeds that of any of your field officers engaged in this work, and without the history and support which he supplies, these reforms would not be possible.

Cummunicable Diseases

Outbreaks of communicable diseases occurred at the following places, and required my personal attention.

		Cases
Smallpox	Cache Bay	1
	Kenny Siding	1
	Desaulnier	33
	Sturgeon Falls	....
	South River	1
	Levack	5
	Cutler	4
	Mac Tier	1
	Madawaska	3
	Verner	34
	Township of Blythe	1
	Wanipitei	1
	Kenebeck	1
	Total	86
Scarlet Fever	Markstay	7

The disease was epidemic, as you will see, at Desaulnier, at Verner and at Sturgeon Falls. At the first two mentioned places, the spread was easily arrested and the disease abated after we supplied the proper machinery, although a number of visits were required by us to apply stiffening to the Local Boards, who, as a rule, get very nervous when apparently control of the situation has been lost.

At Sturgeon Falls, where as you will see, I have left the case record blank, a most astonishing situation presented itself. The Board instructed me to proceed to the town and investigate the extent of the alleged outbreak. This was during November. After spending four days, it was found smallpox had appeared first in January, 1920, but as usual, had been diagnosed as chickenpox. From January, one could easily trace the course of infection, first amongst the relations or intimates of the patients, then as the epidemic gathered force, to the general public, the local Board supplying neither law, order nor common sense.

As I had been instructed to apply the necessary remedy, I at once had two of our Inspectors, namely, Mr. Millar and Mr. Richardson, set to work with the local Inspector to gather evidence at all quarantined houses, with a view to discovering the leak. In the meantime, I met the town council and local board, both of whom when charged with negligence admitted frankly, they did not know how to proceed. Four days later, we had in our possession the knowledge that from January 1st, to November 28th, 174 cases of smallpox had existed, but only half of this number were reported, and that many houses were still placarded, and, as we learned later, many families still at large in whose homes the disease existed without the knowledge of the proper officials. Further investigation showed that diphtheria and scarlet fever also existed and that while the case record was small, the mortality in the former disease was appalling (that is if one viewed the matter in the light of present day statistics). Out of a total

of thirty cases reported, there were *twelve deaths*. In houses where deaths had occurred, we investigated all circumstances, and while a percentage of the cases was probably reported too late, or the physician called in to find the disease too far advanced to effect a cure, there were numerous cases attended by the physician in which valuable time was lost, making a diagnosis without the assistance of a laboratory result, which must be demanded, when diagnosing or releasing cases of this disease. I am sure there were as many cases lost through this lack of early diagnosis, and no antitoxin administered, as were lost through the failure of parents to call in the family physician when symptoms developed, such as a red throat. Many cases would have been prevented had a prophylactic dose of antitoxin been given the entire family when called in to treat the initial patient. Perhaps 50 per cent. of the smallpox cases could have been prevented if proper arguments had been used, and vaccination performed in the entire household when the first case appeared. Aside from the mortality, which should not be excused, the economic loss to the individual and to the Municipality at large by reason of so many wage earners being quarantined, and by the Corporation having their normal indigent list trebled (the poor, as a rule, get most of the trouble). I am sure in round figures the town of Sturgeon Falls lost directly and indirectly during the epidemic, $20,000. This sum, together with the high death rate from diphtheria, is surely a high price to be required to pay for lack of foresight and knowledge.

The solution which we applied in placing Inspector Millar as resident of the town to keep check on the local work and give advice, undoubtedly was the principal means by which a normal condition was brought about, and to me personally, an excellent precedent. Your officials attended and spoke on communicable diseases and their control, at a public meeting, by request of the town council. This may have been of some benefit, as explanations were well gone into. In this connection, I venture to say if more such meetings were held, the Board's views, together with the transmission of disease, would be better understood.

There are two very vital matters which I should mention in concluding, and which are more particularly applicable to diphtheria and smallpox, if we hope to lower the case record. It is well known that the former disease was much more prevalent during 1920 than it had been for many years. This is somewhat of a reflection, since we have today, laboratories for early diagnosis, which means so much, together with a most liberal supply of antitoxin. The scientific explanation for our apparent return to pre-antitoxin days, I am not familiar with. I am certain, however, there are two factors, which, if properly dealt with, would reduce materially the mortality, as well as the number of cases. These are, first, in cases of non reporting of disease by the householder or physician, within the time limit, a serious penalty be inflicted; second, the attendant physician *must* be held legally responsible for the giving of antitoxin to the patient, together with a prophylactic dose to each of the family. The fact that he is not able to convince the then well members of the household that this is necessary, must not relieve him of his responsibility. If he cannot for some reason or other perform the work, the onus must be upon him to turn this information over to the Medical Officer of Health in writing, within say twelve hours, and in the event of their being no Medical Officer, to the District Officer of Health, these being both legal officers with a fund of similar experiences to draw from. The work should be easily performed. This method should very materially reduce the present astonishing figures in both smallpox and diphtheria. There is possibly a third factor which should be considered. We have had during the year, two very practical lessons with respect to diphtheria. The failure to secure a supply of antitoxin sufficiently prompt, may be disastrous, and although the Board supplies antitoxin and smallpox vaccine free to either the Medical Officer of Health or the Secretary of the local Board, yet we find at times many municipalities do not even know these priceless remedies may be secured free from the Provincial Board. There is therefore no supply available when urgently required.

I am not aware whether any legislation is upon our statutes concerning the matter. I do not think, however, any mention is made in the Public Health Act making it obligatory on a municipal official to see that a suitable supply is kept. If I am correct in that the Act does not compel the Secretary of a local Board or the Medical Officer to carry a supply, we will continue to find small isolated towns and townships without these necessary remedies. If this apparent weakness is to be bolstered up, then it must be obligatory upon the part of someone (to be mentioned) to carry a small supply for each municipality. Failure to do so should bring penalties.

Prosecutions, 1920

During the year, I was compelled to take Police Court action against the following for non compliance with the Public Health Act and Regulations:

March 9th, Delphis Labelle (breaking smallpox quarantine), suspended sentence. Paid-costs.
March 9th, J. H. Quinville (breaking smallpox quarantine), suspended sentence. Paid costs.
March, appeal case, Rex vs. Abitibi Power & Paper Company, settled in our favour.

March 24th, J. McCreary, lumberman, non compliance with Regulations	$ 25.00
April 1st, McCaffrey & Berry, lumbermen, non compliance with Regulations	25.00
April 1st, Elbow Lake Lbr. Co., lumberman, non compliance with Regulations	25.00
April 1st, French River Lbr. Co., lumbermen, non compliance with Regulations	5.00

April 1st, Dr. J. Robb, non compliance with Regulations	25.00
April 1st, Dr. C. F. Jones, non compliance with Regulations	5.00
April 1st, Hocken Lumber Co., lumbermen, non compliance with Regulations	25.00
Total Fines	$135.00

Added to the foregoing, I visited by request and at other times, in connection with routine work, the following places:

Kenney's Siding, Cache Bay, Iroquois Falls, Desaulnier, Timmins, Smooth Rock Falls, South River, Sudbury, Espanola, Blind River, Foleyet, Levack, Haileybury, Twin Falls, Stackpool, Little Current, and Cutler, Sturgeon Falls, Mac Tier, Madawaska, Cobalt, Kapuskasing, Minaki, Kenora, Port Arthur, Fort William, Verner, Sault Ste. Marie, Bear Island, Ottawa, Smokey Falls, Markstay. At many of these places, urgent complaints were adjusted and advice given.

In conclusion, let me again say, the year 1920 has been an exceptional one, and I believe during the year more real working machinery has been created for the public's benefit than at any time during my Public Health experience. Let us hope these reforms are applied wholeheartedly, and entirely in the interest of those whom we expect should benefit from their application. Again let me add, the co-operation and support supplied by our Chief, Dr. McCullough, together with Dr. Bell, have left nothing to be desired.

All of which is respectfully submitted.

ALEC R. WHITE,
Provincial Sanitary Inspector.

BRANTFORD

November 15th, 1920.

To the Chairman and Members of the Board of Health.

Gentlemen,—In accordance with the Public Health Act, I beg to submit my Annual Report, for the year ending October 31st, 1920, upon the sanitary and health conditions of the City of Brantford.

The year Nov. 1st, 1919, to Oct. 31st, 1920, has been the busiest year in the history of the Health Department. In common with the rest of the Province, we have been afflicted with a recurrence of the influenza epidemic, with a diphtheria epidemic, a measles epidemic, a mild epidemic of scarlet fever, and an epidemic of smallpox, which we still have with us. The housing problem is still as acute as ever and we may expect to have an abnormal amount of contagion as long as there is the present shortage of houses. To every family a house, to every person a room, is an ideal to be striven for, and when we have attained this ideal we will not have so many of those diseases which are spread by contact of person with person.

Outside of Influenza which caused 34 deaths, and diphtheria which caused the death of eight inhabitants, the contagious diseases have been mild in nature.

I am glad to be able to report that we have the high birthrate of 25 per thousand inhabitants, the low death rate of 12 per thousand inhabitants, and the lowest infant mortality rate in the history of the City, i.e. 90 deaths per thousand babies born.

I would like to draw particular attention to this low infant mortality rate. I have always maintained that we were allowing too many of our babies to die, and I have likewise maintained that we could lower our infant mortality rate by giving our people either an inspected pasteurized milk, or a clean raw milk, from cows which are regularly examined, and are free from tuberculosis.

What are the facts today? The facts are that 85 per cent. of the people of Brantford are drinking either pasteurized milk or raw milk of exceptional cleanliness from tubercular free cows, and we have today the lowest infant mortality rate in the City's history. The other 15 per cent. of the people are mostly drinking the milk of one vendor who refuses to deliver a milk of the required standard of cleanliness and refuses to have his cows tested for tuberculosis. This vendor has also been delivering milk with less than the legal percentage of butter-fat, and then claims that he has the richest, cleanest milk on the market.

I unhesitatingly claim that we can lower our infant mortality rate still further by enforcing the by-law which requires that milk sold in the city shall be either certified raw milk, or inspected pasteurized milk.

While on the subject of infant mortality, I desire to mention the good work of the Baby Clinic, which is conducted by the Social Service League, under the able management of Mrs. Anguish. A "well baby clinic" is an important factor in any endeavour to save the lives of little ones, and if such a clinic had not already been functioning, I should certainly have used all my energies in the endeavour to have such a clinic formed.

Typhoid Fever

Typhoid fever is a water borne disease. There have been 19 cases of typhoid fever in the city during the year, with one death. My investigations have convinced me that the Brantford City water may be absolved from any blame in connection with the cause of at least twelve of these cases, including the one death. In many cases infected wells on streets where city water mains are not laid, have been the cause. In one case I think it is well established, that the typhoid fever was contracted through sucking ice of doubtful purity. Some of the cases were contracted out of the city. There were seven cases of typhoid however, which may have been contracted from our city water. These cases all occurred around the first week in May. All have been constantly using city water and I have reasons for believing that about April 15th some insufficiently chlorinated water was for a few hours circulating in our water mains. If these facts are true, they would explain the cause of these seven cases.

Clean water is a great human need. It is both a luxury and a necessity. No greater sanitary advance has been made in recent years, than in the safe-guarding of public water supplies, by methods of water purification, and by their protection against pollution. The Grand River is not sufficiently protected against pollution, and it is only the chlorination of our water supplies, which prevents this city from being flooded with typhoid cases.

During the year we have, with the ready co-operation of the Water Works officials, kept close tab on the chlorination of the water supply. Raising or lowering the amount of chlorine as the water became more or less polluted. We have had 52 bacteriological examinations of the city water, and have conducted six chemical examinations of our water.

I think our City Council could set itself no more important task than the serious attempt to lay sanitary sewers and public water mains on those streets of our city which are not yet so provided. There are 700 houses unconnected with sanitary sewers.

Smallpox

During the year we have had 73 cases of smallpox. Not one of these cases occurred in individuals who had been previously vaccinated. The Goddess smallpox, attended by her handmaiden the anti-vaccinationist, is one which may only be worshipped from afar. The near approach of smallpox almost always results in a quick conversion to the old and true religion of vaccination.

Unfortunately such deathbed repentances are frequently unavailable where smallpox has already claimed the victim as her own. There are those, of course, whom nothing could change from their worship of false gods, like the citizen who remarked that he would follow his children to the grave, before he would have them vaccinated. As a result of this anti-vaccination sentiment, the public has been forced to pay over four thousand dollars in combating this disease this year. Among school children we have been able to control the disease by excluding the unvaccinated. We do not need to be imbued with the spirit of prophecy, to be able to predict that we shall continue to pay annual tribute to smallpox, until a large proportion of our population has either been successfully vaccinated or has suffered from smallpox.

Scarlet Fever and Diphtheria

We have had 155 cases of these two diseases. The hospital which accommodates these diseases is woefully inadequate, and there is a very urgent need for the building of the proper isolation hospital, which was authorized by the vote of the people last January. The Board of Health isolation ambulance, used to transport these cases to the hospital, has seen its best days, and should be replaced by a motor ambulance which can give quick and efficient service.

Influenza

A report on the influenza epidemic of this year was presented to the Board in March, and I will not refer to this epidemic again, except to say that with the expenditure of one thousand dollars and an efficient organization, we were able to render material help and that as a result, Brantford escaped lightly from a serious menace.

So-Called Minor Contagion

Measles and whooping cough make a total of 300 cases and account for 6 deaths. These diseases are more dangerous than scarlet fever, and these facts should be appreciated by the public. We have excluded all such cases and immediate contacts from school, and have materially helped to limit the spread of these diseases.

Venereal Diseases

The 48 cases of venereal diseases reported during the year by no means indicate the actual number of cases which have occurred. I think that one would not be far out in saying that there have been anywhere from five to ten times that number of cases. Syphilis and gonorrhoea are more widespread than measles, and I am convinced that the establishment of a venereal disease clinic would demonstrate its need. The Board of Hospital Governors have agreed to establish such a clinic, but up to date have been unable to secure the services of a doctor willing to run the clinic. It is sincerely to be hoped that this difficulty may be overcome.

School Medical Inspection

Your Medical Officer of Health is responsible to the Board of Education, for the proper running of the system which functions in our schools. The school doctor, Dr. Alexander, commenced his duties on March 1st, and the reports which have been made to the Board of Education demonstrate beyond the shadow of a doubt, the absolute need of such a system. The results have been the remedying of many physical defects, an increased interest by parents in the health and well-being of their children, and the early discovery of many cases of contagious diseases which otherwise might have escaped notice entirely, or else only have been discovered after they had caused untold mischief among other children. The system when first installed aroused considerable opposition, and it is doubtful if the question had been put to the people, if it would have carried. Today I am confident that the public are almost unanimously behind our system of school medical inspection.

I am attaching to this report, my report to the Board of Education upon the sanitary conditions of our Brantford Schools. This report is included by order of the Provincial Board of Health which is requiring like reports from all medical officers of health.

Plumbing Inspection

I desire to point out once again that the plumbing inspector should be an official of the Health Department. Neglected plumbing in buildings is a serious health menace and the official inspection of such should be done from the health aspect. During the year there have been many cases of duplication of work which would not have occurred had the plumbing inspector been an official of the Health Department.

Milk

Last year we recommended to the City Council the passing of a By-Law providing for the sale of two classes of milk, first raw milk free from dirt, regularly examined and from cows which were free from tuberculosis. Second inspected pasteurized milk. This by-law aroused strenuous opposition, and the opponents of the by-law were more violent than reasonable in their methods of opposition. The Council having passed the by-law, hesitated in the face of the storm which had broken, and finally decided to refer the question to the people in the from of a referendum. The Board of Health was ordered not to enforce the By-Law. As far as the Board of Health was concerned, we were quite content to have the question go to the people, as we felt that with the passing of time, more and more people would become convinced of the absolute need of the measures which we advocated.

I want at this point to give to Mr. Peter Cairns that measure of praise which is his due, for his public spirit in going into the milk business with the idea of producing a raw milk of the required standard. Mr. Cairns at considerable expense, weeded out from his herds all the tubercular cattle, and delivered the first milk in this city which had ever been free from dirt and manure. This was the class of raw milk which we had always maintained should be sold in our city, and it is safe to say that every person who has used this class of milk, will vote in favour of our by-law.

On the other hand three new pasteurization plants were built and the great majority of our citizens are now using pasteurized milk, and are realizing that while this milk is not to be compared to certified raw milk, it is a safe milk and far preferable to the class of unsafe manure infected, tubercular milk which had previously been delivered. The people can certainly be counted upon to vote in support of this measure, provided the question is put to them in a simple and understandable form.

All great reforms are accomplished in the face of opposition. We do not expect less. We have been able to enforce the by-law requiring that all milk shall be bottled. This in itself is a great advance and as usual was opposed. Dirt cannot be hidden in a glass bottle. A tin can covers a multitude of sins.

The general milk supply of the City has never been so clean or so well looked after. The veterinary inspector, Dr. Cutcliffe, has worked in closest touch with this department and has been unremitting in his endeavours to improve our milk supplies. The Council have promised to transfer Dr. Cutcliffe to the Health Department, and when this occurs we intend to formulate a policy whereby we may more efficiently safeguard the sale and exposure of other foods for sale in our City.

During the year we have tested 206 samples of milk, and have prosecuted 4 times in the Police Court for infractions of the milk laws, and convictions were secured in each case.

Composition of Board of Health

I desire to advocate the appointment of at least one Alderman to sit on the Board of Health each year. One of the greatest obstacles to progress along public health lines, is lack of information on the part of the Council. This may readily be overcome by the appointment of one or more Aldermen to the Board. We would not then have men in responsible positions making the silly imputation that one man did all the work of the Department, or that investigations were needed.

Many recommendations of the Board are at present simply pigeon-holed when they get to the Council, i.e. our recommendation that the unsanitary common drinking cup be prohibited in public places.

The Market Place

The sight of our local market on a busy Saturday morning with a high wind blowing, and the dust swirling over the exposed meats and other food stuffs is not one to favorably impress a visitor to our City. Something should be done to remedy these conditions. I would recommend that a round table conference of the Buildings and Grounds Committee, Board of Health and other interested parties, be held to draw up some reasonable plan for remedying the present state of affairs.

Unsanitary Stables, &c.

Unpleasant smelling chicken coops, stables and fish places do not cause disease, but they do offend the aesthetic sense and are not sanitary. We have had many complaints from citizens where on investigation, all we could find wrong was an undue proximity of such places to private dwellings. It is suggested that no such chicken coop, stable or fish place should be permitted to be built within 50 feet of any dwelling house. Such a by-law would, without doubt, make the living conditions of many people more comfortable. Of course buildings already built could hardly be changed, and the suggestions made, refer only to the future.

Tail Race

There was a conference held in May between the Board of Works and the Board of Health and it was decided to fill in the tail race with garbage. The race is now over half filled in, and with the completion of this work, this unsanitary spot will be a thing of the past.

Public Conveniences

We desire to draw the attention of the Council once again to the necessity for public conveniences in such widely separated areas of the City as the North Ward, West Brantford and Bellevue.

In concluding this lengthy report I would draw particular attention to the record of work accomplished by this Department during the year. This record is attached to this report and makes no mention of the hundreds of interviews, the considerable correspondence and other work which can hardly be tabulated, but which takes so much valuable time.

My assistants, Mr. Wm. Glover and Mr. Percy Unsworth, have worked hard and faithfully, cheerfully responding to all calls, including Sunday, holiday and night work. Indeed without their loyal support, it would have been impossible to accomplish the vast amount of work which has been done.

In conclusion I acknowledge with a grateful heart the cordial support and ready sympathy with which the members of this Board have supported this Department. It has been a strenuous year with much good work accomplished.

I remain, gentlemen,

Your obedient servant,

M. O. H.

Vital Statistics Year Ending October 31st, 1920

Population (Assessor's figures)	32,786
Births	829
Birthrate	25.31
Deaths	418
Deathrate	12.78
Marriages	416
Infant Mortality Rate	90.4

Comparative Rates

Year	1916	1917	1918	1919	1920
Birth	25.78	25.3	24.	20.36	25.31
Death	14.6	12.7	17.7	14.5	12.78
Infant Mortality	113.9	97.9	128.6	106.1	90.4

Notes

1. Still births were excluded in compiling the above figures.
2. In compiling the above figures no deductions were made of persons in the B. G. H., whose homes were outside this city.
3. Compilations were based on the above population. This includes the newly incorporated district of Bellview, which was annexed Jan. 1st, 1920.

Comparative Table Contagious Diseases, Cases Reported Year Ending October 31st, 1920

Year	1916	1917	1918	1919	1920
Scarlet Fever	9	11	38	20	52
Diphtheria	14	15	44	77	103
Typhoid	47	28	19	21	19
Measles	323	44	182	3	249
Chickenpox	.....	.....	.....	.....	29
Smallpox	0	4	1	14	73
Tuberculosis	.....	.....	.....	.....	12
Whooping Cough	0	3	2	9	51
Mumps	.....	.....	.....	.....	3
Cerebro-Spinal	.....	.....	.....	.....	1
Meningitis	.....	.....	.....	.....	.....
Influenza, not reportable until 1920	.....	.....	.....	.....	366
Venereal diseases, not reportable until 1920	.....	.....	.....	.....	48
Total	393	105	286	144	1006

In connection with the above figures it should be noted that Influenza (which includes Flu, Pneumonia and other complications), and Venereal Diseases, were reported for the first time in 1920. Also minor contagion was reported to a greater extent than ever before, and it is possible the same thing might be said regarding major contagion. These points make the reported cases the heaviest on record.

Deaths From Reportable Diseases

	1919	1920	
Diphtheria	8	10	(two county cases)
Typhoid Fever	1	1	
Measles	0	3	
Whooping Cough	2	3	
Meningitis	4	4	
Tuberculosis	26	18	
Influenza	89	34	

In connection with the above it is interesting to note that there are more deaths from tuberculosis and meningitis than cases reported. Physicians are not reporting these cases as they are required to do by the Public Health Act.

Deaths at Various Age Periods

Still born	36
Under 1 year	75
1 year and over and under 5 years	18
5 years, and over and under 15 years	16
15 years, and over and under 25 years	19
25 years, and over and under 45 years	61
45 years, and over and under 65 years	99
65 and over	127
Age not reported	4

Deaths Grouped According to International List of Causes

Group	1	General	121
	2	Nervous System, &c.	25
	3	Circulatory System	62
	4	Respiratory System	48
	5	Digestive System	26
	6	Gentitourinary System	17
	7	Puerperal State	6
	8	Skin and Cellular	1
	9	Bones, &c.	0
	10	Malformations	3
	11	Early Infancy	36
	12	Old Age	32
	13	External causes	26
	14	Ill defined	16

Among the Specific Causes of Death (Not Reportable) Are the Following

Cancer	24	Nephritis	13
Apoplexy	21	Premature birth	22
Heart affections	29	Old age	32
Pneumonia	37	External causes	26

Deaths caused by external causes include 1 suicide, accidents, drownings, extensive burns, &c. The total of 26 being abnormal, last year there being only 14.

Record of Work Accomplished

Water samples examined	63
Water samples examined, chemical	63
Milk samples examined	206
Cream samples examined	3

Examined 265 swabs for Diphtheria.
Examined 19 slides for T. B.
Examined 24 slides for V. D. G.
Examined 8 slides for urine.
Vaccinations 500.

Houses Placarded, Disinfected, Fumigated and Released

47 houses for Scarlet Fever.
98 houses for Diphtheria.
220 houses for Measles.
27 houses for Chickenpox.
51 houses for Smallpox.
49 second hand mattresses fumigated at auction sales.
Issued Exclusion and Release certificates to and examined 600 odd school children.

Notices to abate nuisances all complied with	37
Notices to make sewer connections	115
Number complied with	93

House to house inspection, Belleview District.

Number of earth closets in city inspected	700

All restaurants periodically inspected—in better condition.
All laundries periodically inspected—conditions about the same.

Stables periodically inspected	300
Notices to instal manure bins	173
Number complied with, about	30

All alleyways and back lanes frequently inspected—in much better condition.

Throughout the year many hundred complaints (which are not recorded) have been investigated and properly adjusted. These complaints came by phone, personal interviews and by letter.

The following free bacteriological supplies have been handed out to the Hospital and the Doctors upon request.

Diphtheria anti-toxin

1000 units	400 doses.
2000 units	700 doses.
5000 units	600 doses.
10000 units	400 doses.
Diphtheria swabs	800 doses.
Vaccine (smallpox)	1800 doses.
Vaccine (pertussis)	150 doses.
Vaccine (anti-tetanus)	100 doses.
Silvernitrate	300 doses.
T. B. Outfits	150
Wasserman Outfits	300
Widal reaction outfits	50
Gonorrhea outfits	200
Syphilis outfits	75

Brantford, Ont., July 2nd, 1920.

To the Chairman and Members of the Board of Education.

Ladies and Gentlemen,—I beg to present herewith my report upon the sanitary condition of the schools under your control.

King Edward School

This school is ventilated by the Plenum System, by which is meant that fresh air is forced by means of fans throughout the building and into the various classrooms. It is generally considered that the Plenum System by itself is not sufficient, and that provision should also be made for extracting the foul air by another set of fans. At this time of year adequate ventilation is of course secured through the open windows. The heating system at this school does not appear to be of the best, as there is but little control over the distribution of the heat, and the complaint is made that in the winter some classrooms will show a temperature of 80 degrees F. while others will be as low as 55 degrees.

The Bubble fountains which are used for drinking purposes are not of the best type. Some authorities consider that a fountain which allows its water to fall back on itself, is absolutely dangerous and might readily cause the spread of those diseases which make their home in the human throat. In any case there can be no question, but that a fountain which throws a stream which does not fall back on itself, is of a better type, and should be installed in new schools in preference to the type now in use.

Lavatories—It is considered that the lavatory walls might with advantage be veneered with light colored glazed tile to increase efficiency in lighting, to discourage markings and facilitate cleansing. The lavatory seats at this school are 17 inches high. This is too great a height and is liable to cause rupture to children predisposed that way. No seat should be higher than 15 inches and a few should be as low as 12 inches. The lavatory windows should be frosted. The ventilation in the lavatories is very poor and it is a question for serious consideration whether lavatories in the basements are not a mistake and whether such lavatories should not be in a separate building, where there is no possibility of odours from the lavatories ascending to the class rooms above.

There are 9 lavatory seats for boys, 12 for girls and 1 for the kindergarten, a total of 22 seats. For a school containing 550 children there should be provided 27 seats, one for every twenty pupils.

There are three classrooms with double seats, but I understand that the School Board is providing single seats for pupils as rapidly as possible.

Regarding the lighting of the classrooms it is suggested that the upper two feet of classroom windows might with advantage be frosted to ensure constant daylight, and the blinds be hung from the lower edge of the frosted area.

Belleview School

This school has a convection system of heating and ventilation which is much inferior to the plenum and extraction system of ventilation. Previous remarks about the bubble fountains apply also to this school. In addition the pipes which supply drinking water are laid close to hot water pipes and for this reason the drinking water in winter time is frequently disagreeably warm.

The floors in the basement show signs of wear and tear and would be much improved if covered with a thin coating of hard asphalt three-fourths of an inch in thickness.

Lavatories—The seats are 18 inches high, which is much too high. There are 6 lavatory seats for boys and 10 for girls, a total of 16 seats. For a school containing 380 children, there should be provided 19 seats. Previous remarks about lavatories at King Edward School apply to this school. It will be a great improvement when this school is supplied with city water and served by the city sewer. Samples of well water at this school have been examined and ound pure but no well can be relied upon for ever.

Alexandra School

This school has a Plenum System of ventilation. Previous remarks about the bubble fountains apply to this school.

The water supply comes into this school through a 3-4 inch pipe, which is much too small a pipe to supply the flush tanks and fountains with water.

The two basement entrances are a trap for the spring floods and the winter snows and should be protected by an overhead roof.

Lavatories—The lavatory seats are out of date. The seats cannot be lifted and consequently cannot be properly cleaned. The holes are set too far back. The seats are 17 inches high, which is much too high. There are 7 lavatory seats for boys and 7 for girls, a total of 14 seats. For a school containing 500 pupils there should be provided 25 seats.

The boys' urinal is not flushed properly. If the water is turned on full it splashes the whole floor and if not turned on full it runs out at the end near the tap, but fails to flush the far end.

The playground of this school is very small.

Central School

This school has a Convection System of heating and ventilation. Previous remarks about the bubble fountains apply to this school.

Some of the classrooms are lighted from improper angles, but cannot be remedied as this is an old school.

Lavatories—There is sufficient lavatory accommodation—12 seats for boys, and 24 seats for girls. The seats are too high however, 17½ inches. The one seat provided for the kindergarten class is 16 inches high and should be four inches lower. This school is kept remarkably clean and sanitary, and is in much better condition than some of the newer schools.

King Edward School

This school is ventilated by the Plenum system. Previous remarks about the bubble fountains apply to this school.

Lavatories are provided with frosted windows. An odour from the lavatories may occasionally be detected in the halls. There are 10 lavatories for boys and 12 for girls. The seats are 17 inches high, which is too high. There are 2 lavatory seats for the kindergarten primary. These seats are 15 inches high and should be only 12 inches high.

Victoria School

This school is heated and ventilated by the Convection system. It is provided with bubble fountains. The basement floors collect a fine dirt very readily and seem harder to keep clean than any other school in the city. They should be covered with a thin coating of hard asphalt 3-4 inches in thickness. Drainage pipes should also be provided in order that the basements may be regularly flushed out.

Lavatories—The seats are of an old type. They are 18½ inches high which is much too high for little children. The holes in the seats are set too far back for little children. The under side of the seats in the girls' lavatory are in a foul condition which is not due to lack of care by the janitor, but to the faulty construction of the seats. I unhesitatingly condemn these seats as being unfit for use and recommend urgent action by the Board.

The boys' lavatory contains 8 seats. The room is ill lighted and ill ventilated. The girls' lavatory contains 9 seats. The room is ill lighted and ill ventilated, and coal dust filters into this lavatory through the thin wooden wall which separates it from the coalbin. There is thus a total of 17 lavatory seats, whereas for a school containing 430 pupils 21 seats should be provided. Ventilation in two class rooms is very poor.

Ryerson School

This school is ventilated by the plenum system. The walls of the halls and the class rooms are very dirty. Merely brushing the walls with one's hands is sufficient to blacken the hand. A dingy, dirty appearance is thus given to the whole school which must have a depressing effect upon the children. It is useless to teach hygiene in such surroundings. I would recommend that during the coming holidays this school be cleaned and painted. This school has a very small playground.

Lavatories—The seats are 17 inches high, too high. Both boys' and girls' lavatories are very dark and ill ventilated. The girls' lavatory is also damp. There are 6 seats for boys and 8 for girls, a total of 14 seats which is sufficient for 270 pupils.

The basement space is too small for the children in wet weather and there is no drainage provided so the basements may be flushed with water.

Dufferin School

This school is ventilated by the plenum system and has an apparatus for extracting the foul air from the rooms. It is provided with bubble fountains.

Basement—There is no means of drainage whereby it may be flushed with water.

Lavatories—The seats are 18 inches high, too high. 12 seats for boys, 12 for girls, 2 for kindergarten primary—15 inches high, should be 12 inches only. A total of 26 seats which is more than enough for 385 pupils. It is a pleasure to testify to the remarkably clean appearance and sanitary condition of this school. It would be splendid if all our schools were in the same condition.

Sincerely,

W. L. HUTTON, *M.O.H.*

CHATHAM

Chatham, Ont., Dec. 1st, 1920.

To the Chairman and Members of the Board of Health, of the City of Chatham.

Gentlemen,—In accordance with the provisions of the Ontario Public Health Act, I hereby submit my annual report for the year ending November 30th, 1920.

Population of the city is 15,182.

Generally speaking Chatham has been free from any disease that has become epidemic as the following report will indicate; regarding contagious or infectious diseases I would report as follows:

Typhoid Fever—Of the ten cases treated in the two hospitals, four only belonged to the city, and only one of these might be traced to the city water. It was a member of a family which had been badly affected during our real epidemic of the year 1918. One of these cases had just returned from the province of Sasch, feeling badly and compelled to take to bed within a week after his return. The other six were from the surrounding townships whose wells in most instances were found contaminated, all recovered.

Scarlet Fever—Twenty-five cases, up till November 23rd, 14 cases which were spread in all parts of the city; since then the other eleven have developed in connection with one of our Public Schools, the cause has been sought and found to have been an instance where Scarlatina was not considered worth while reporting by the parents and were allowed to mix promiscuously with the public. Two of the whole number have been severe, the worst case being 19 years of age. No fatal cases this year.

Measles—We have had 99 cases of a mild type, no deaths. 10 cases up till end of May, twenty-eight in June, fifty-one in July, and five in each of August and September; none since. The closing of the schools in the latter part of June had a decided controlling influence in preventing further spread.

Chickenpox—13 in December, 1919; 9 in January; 5 in February; 1 in May, and 2 in October, thirty in all.

Smallpox—Two cases, one, that of a Toronto salesman arrived here, feeling very sick, in December, called a doctor, who suspected the trouble at once. The house where he was staying was at once quarantined. Neither of the parties, where he was staying, though over sixty years of age, had ever been vaccinated and refused to be now. The man of the house took the disease on the 25th day after the premises had been cleaned up, and the 16th day after the traveller's arrival. This second case would almost surely been avoided had he been vaccinated. Both recovered.

Tuberculosis—Only five cases reported, with four deaths.

Influenza—14 cases of mild type.

Diphtheria—Twenty-nine cases; 3 in Dec.; 11 in Jan.; 2 in Feb.;2 in May; 1 in June; 1 in July;2 in Aug.; 4 in Oct.; 3 in Nov., no deaths. The general practice here is to give a large initial dose of antitoxin, 10,000 to 40,000 with good results, within the first 24 hours.

Whooping Cough—Sixty-five cases, with one death, due to complication with pneumonia. Quite a number of the doctors are using the Pertussis Serum with only fair results so far. Whether it has not been given soon enough is a question.

Mumps—17 cases, no complication, or deaths.

Erysipelas—Five cases with two deaths.

Impetigo Contagiso—Two cases, came here from Windsor.

Infantile Paralysis—One case partial recovery as yet.

Venereal Diseases—Gon, 28. Syph, 8, reported by eight of the doctors, out of 19 in the city. It does not look that any way near the full number are reported. Three hundred and thirty-four cases of all contagious diseases have been reported during the year.

The number of births for the year ending Nov. 30th, is 398, that is 26.53 per 1000.

The number of marriages for the year is 263, that is 17.53 per 1000.

The number of deaths for the year is 283, that is 18.87 per 1000.

Have had one hundred and twenty-seven samples of water collected, and sent to the bacteriological department of the Provincial Board of Health at London for analysis; most of the samples have been free from contamination, though during the summer months one out of every four or five would show contamination in 10 or 20 c.c. On the whole the city has been provided with a good, safe and fairly palatable water with an antiquated plant to take care of much more than its capacity during a part of each 24 hours. With the three additional new filters we should be well protected for some years to come.

The average amount of milk sold in the city daily is 2,200 quarts and thirty-one quarts of cream sold as follows: R. Glover, 800 quarts of milk, and 5 or 6 quarts of cream; McGeachy, 800 quarts of milk and 20 quarts of cream; Tuck and Denyernir, 350 quarts of milk and 6 quarts of cream; Stirling, 100 quarts of milk. The other 150 quarts of milk is supplied by Messers. Dunlop, Johnstone and Lister. The price paid has been from 14 cents to 16 cents per quart. The milk sold during the year in general, has been of better quality than any other year since my appointment as M.O.H. A close watch has been kept on the product supplied, one hundred and twenty samples having been tested without any notice being given, just take a sample from the delivery wagons and possibly from the plant and tested for dirt, tem-

perature, specific gravity, butter fat, and amount of solids. Our city by-law demands a high percentage of butter fat and solids, but not too high for the quality of milk which is produced here, or in this district, when delivered to the user in its natural state. Complaints were lodged in the police court against two producers, by name Horne and Lewis, of Twp. of Raleigh, both were fined. Also two city vendors or distributors, viz. Glover and Lister, the former being fined a second time in a little more than a month's time, the complaint in each being sustained. Only 15 samples were below in butter fat and 30 samples were low in solids, in those examined during the year.

Have made a number of inspections of the Wilson Canadian Co.'s Abbatoir premises, and found things fairly satisfactory, except for certain odours, which at times were very offensive to the citizens in general. Much of this nuisance has been overcome and with the promise from the Co. to still add to their plant to practically eliminate the cause of offence, conditions in the near future should be quite satisfactory. In September, along with Doctor McNally, the District Health Officer of the Provincial Board, all the slaughter houses in and around Chatham and used by our local butchers were thoroughly inspected. All but one was in a very unwholesome state. Each were ordered to put their premises in a condition satisfactory to the M.O.H. of the municipality where located, and then to have extensive improvements made by the 1st of May, 1921, in accordance with the Provincial Boards Regulations as defined in copy presented to each, else no license to kill would be granted. Besides each butcher signed an affidavit as to where he kills any and all meats, also where and what he buys from others. All cafes have been inspected closely recently, and certain improvements recommended have been carried out promptly; while the City Council recently passed or rather amended the By-Law controlling all restaurants and cafes whereby all employees and those doing work in these places will be under medical supervision of the M.O.H., so that no person who is suffering from disease will be permitted to remain in or handle foods in future for public use. Medical inspections will be made at least once each month.

All of which I beg to submit, gentlemen, for your consideration.

(Signed) T. L. McRITCHIE,
M. O. H.

Chatham, Ont., Dec. 1st, 1920.

Report of Miss Northwood, School Nurse, for 1920

To John W. S. McCullough, M.D., D.P.H., Toronto.

The supervision and care of the health of the children of three public schools, the attendance being: Queen Mary 720; Central 650, and McKeough 575.

All of Monday and Thursday is spent at Queen Mary School, all of Tuesday and half of Friday at Central School, all of Wednesday and half of Friday at McKeough School. This routine is adhered to except when there is an epidemic or some children's disease, when the time is spent wherever I find can do the most good, the Principal being informed of my change of time.

The late afternoons of many school days are used in visiting parents concerning ailments of the children. Two hundred and twenty-five house calls having been made since December last. No street car conveyance in our city, makes the question of home calls one of moment to to the nurse. An inspection of all classes is given twice each month, except the senior fourth grade, particular care being taken to discover Pediculosis, skin diseases, and all contagions. All children with colds are being excluded from school, until their cough is gone, such being the order of our City Health Officer, it also being in accordance with the ideas of the health authorities on school work, such questions being talked over thoroughly with our summer class for school nurses held at the University of Toronto, during July, at which time we received much helpful advice.

The dental survey in the schools by the local dentists during January and February last did much to awaken the interest of the parents to the seriousness of the tooth problem, and the results have been far reaching, over fifty per cent. of all pupils having since had their teeth put in good condition, the parents in all cases, except the soldiers' children, paying for the work done.

The local Patriotic Fund has paid the dental bills of the soldiers' children to the extent of seven hundred dollars, part of this amount being met by the Independent Order of the Daughters of the Empire, of our city.

Enlarged tonsils and adenoid growths have been attended to in sixty-three cases, and about half of these children of soldiers having been paid also by, or out of the local Patriotic Fund, our doctors doing the work of the soldiers' children for half the regular fee. The improvement in the health, also in their capacity and readiness for work of such children, has been very noticeable.

Sixty-eight children have had their eyes attended by a specialist.

Numerous cases of scabies, whooping-cough, measles and mumps and pediculosis have been discovered and excluded from the schools. We have the individual A. D: P. cards, also slips for house identifications concerning all ailments, and I find in most instances the parents take a great interest by complying as much as possible with advice given. We have no clinic work as yet, no free work or funds to pay where the parents cannot afford to pay. I have to each of the Senior Fourth classes a short course of First Aid and Home Nursing.

Sgd. T. L. McRITCHIE,

M. O. H.

Chatham, Ont., Dec. 1st, 1920.

Report of David Holmes, Sanitary Officer for the City of Chatham, for Year Ending Nov. 30th.

To Dr. John W. S. McCullough, D.P.H., Toronto, Ont.

Sir,—I beg to submit the following report for the year ending 30th November, 1920 During the past year one hundred and eighty-four homes or places have been placed under quarantine for the regulation period and until well, as follows: Scarlet Fever, twenty-five cases; measles, ninety-nine; chickenpox, thirty cases; smallpox, one case; and diphtheria, twenty-nine cases. Each of these places were also thoroughly disinfected.

Three lots of pigs were compelled to be removed outside the city limits as being unsanitary and a public nuisance, and could not be kept without infraction of the city by-law.

I have received fifty-one complaints during the year and which were immediately investigated, and the cause where any was found, being corrected or removed. Had six dead animals removed from the city by the garbage men, in accordance with their contract.

One large can of milk delivered in the city for use as food, was ordered destroyed as being unfit for food, also one lot of butter, two lots of eggs, one of poultry, and one of saurkraut. Exposed for sale on the market, not fit for family use, it was condemned and destroyed.

I have made careful inspection of all cow stables, and herds, as well as all utensils for handling and cooling purposes, where milk is produced for use in the city and handed in the report to the M.O.H. to be placed before the local Board of Health for consideration before a license is granted to the individual milk dealers in the city. I have collected one hundred and twenty samples of milk for the M.O.H. to be tested for dirt, butter fat and amount of solids, in order to see if milk sold is up to standard required by the city by-law.

Have assisted with one hundred and twenty-seven samples of water sent to the Departments Laboratory in London for analysis, sending out three samples nearly every week, sterilizing the taps by burning alcohol, before taking the sample.

Have had one thousand and thirty-four closets cleaned during the present year, and believe the city to be in a better sanitary condition than ever before. The present garbage man is giving good service and at intervals announces clean up days when he puts on two additional wagons.

I have inspected all the laundries and cafes weekly and the butcher shops and premises a number of times during the year. All slaughter houses used by the city butchers have been inspected and given orders as to what has to be done before the first of May 1921, when any who have not complied in accordance with the regulations, will be refused a license and not allowed to kill.

(Sgd.) T. L. McRITCHIE,

M. O. H. for Chatham.

FORT WILLIAM

Fort William, Ont., November 1st, 1919.

Community health must be understood to be an attainable condition and practically every community may have the degree of healthfulness which it desires to receive and with which it is satisfied.

Sanitary regulations often interfere temporarily with individual comfort and family management and the statement often holds that any interference that tends to protect the health of a community is considered unwarranted interference with vested rights.

The old idea that one's health is one's own business is based upon false and unfounded premises and has no standing in the sanitary code of today.

Fort William, Ont., November 1st, 1920.

To the Chairman and Members, Local Board of Health, Fort William, Ont.

Gentlemen,—In accordance with the provisions of the Ontario Public Health Act, I beg to submit my annual report for the year ending October 31st, 1920:

Vital Statistics

Estimated Population	19,729
Death rate per thousand population (excluding still births)	16.78
Death rate from Influenza alone	2.37

These rates included all who died in this municipality and all who died in other municipalities and whose deaths were registered here.

Thirty-seven non-residents died in this municipality, the larger number having come here for treatment at the general hospital.

Twenty-two deaths which occurred in other municipalities were registered here.

The death rate excluding both non-residents who died here and deaths of non-residents registered here is 13.07.

Excluding only non-residents deaths reported here, is 15.72.

Birth rate per thousand population (excluding still births) 36.36.

Infant mortality rate per thousand births, including eight non-residents brought here for treatment 146.44.

Twenty persons were summoned to Court during the year. The causes for summons were as follows:—

Breach of Milk By-Law	4
Keeping hogs contrary to law	8
Failure to comply with notice re nuisances	6
Carrying on an offensive trade without license	1
Breaking quarantine	1

Thirteen of these were convicted and paid fines aggregating $245.00. One was dismissed on suspended sentence. One failed to appear. The others were dismissed with warning.

The following products and supplies from the Provincial Board of Health were distributed.

Diphtheria Antitoxin	975,000 units
Tetanus Antitoxin	28,500 units
Pertussis Vaccine	305 c. c.
Typhoid Vaccine	6 doses
Smallpox Vaccine	1,032 tubes
Wasserman Tubes	22 tubes
Culture Tubes	40 tubes
Sterile Swabs	21 swabs
Influenza Serum	295 c. c.

Smallpox

There were twenty-four cases of this disease reported. There were no deaths. Statistics for the last five years follow:

Year	Cases	Deaths
1916	3	0
1917	2	0
1918	0	0
1919	0	0
1920	24	0

Scarlet Fever

There were three hundred and two cases of scarlet fever reported during the year with three deaths. This is one hundred and three less cases than last year. The epidemic so difficult to control on account of the mildness of the cases is at last subsiding.

Below appear the statistics by month, age, sex, recovery and death:

Month	Cases	M.	F.	Under 5 yrs.	5-9 yrs	10-14 yrs.	15-19 yrs.	Over 19 years	Recovery	Death
1919										
Nov.	31	16	15	6	14	9	0	2	31	0
Dec.	45	24	21	6	26	9	3	1	45	0
1920										
Jan.	49	27	22	18	16	11	1	3	39	0
Feb.	54	26	28	11	17	10	2	14	53	1
Mar.	55	24	31	10	19	12	2	12	54	1
Apr.	21	9	12	2	12	3	2	2	20	1
May	16	5	11	3	5	3	2	3	16	0
June	6	2	4	0	4	1	0	1	6	0
July	3	3	0	2	0	0	1	0	3	0
Aug.	5	2	3	1	1	2	1	0	5	0
Sept.	4	3	1	3	0	0	1	0	4	0
Oct.	13	7	6	2	6	2	0	3	13	0
Totals	302	148	154	64	120	62	15	41	299	3

Two deaths occurring in other municipalities were reported here and are not included in above summary.

Diphtheria

There were twenty-two cases of this disease reported with one death,

Year	Cases	Deaths
1916	33	5
1917	13	1
1918	12	2
1919	22	1
1920	22	1

Measles

There were three hundred and eighty-four cases of this disease reported with five deaths. Statistics follow:—

Year	Cases	Deaths
1916	581	7
1917	338	3
1918	12	0
1919	0	0
1920	384	5

Whooping Cough

There were sixty cases of this disease reported with three deaths. Statistics follow:—

Year	Cases	Deaths
1916	196	2
1917	10	17
1918	259	1
1919	2	0
1920	60	3

Erysipelas

There were nineteen cases reported with one death.

Year	Cases	Deaths
1916	6	1
1917	13	1
1918	4	0
1919	1	0
1920	19	1

Chickenpox

Year	Cases	Deaths
1917	97	0
1918	75	0
1919	31	0
1920	72	0

Rubella

Year	Cases	Deaths
1917	181	0
1918	25	0
1919	1	0
1920	0	0

Mumps

Year	Cases	Deaths
1917	90	0
1918	92	0
1919	1	0
1920	0	0

Pulmonary Tuberculosis

There were twenty-one cases of tuberculosis reported with ten deaths.

Influenza

There were one hundred and twenty-one cases of influenza reported with forty-seven deaths.

Influenzal Pneumonia

There were sixty-five cases of this disease reported. The deaths occurring from influenzal pneumonia are all reported under influenza, that being the primary cause of death.

Venereal Diseases

Syphilis, 23 cases; Gonorrhoea, 41 cases; Cancroid, 1 case.

Typhoid Fever

There were four cases of typhoid fever reported. The sources of these cases were:

S. S. Hamonic.....1 case.
Squaw Bay.....1 case.
Kakabeka Falls.....1 case.
Winnipeg.....1 case.

There were two deaths, viz.: the case from Winnipeg and a case from North Bay, reported as a case in last year's report and since died.

Year	Cases	Deaths
1916	18	2
1917	11	0
1918	5	0
1919	5	0
1920	4	2

A general resume of the communicable diseases reported, follows:

	Cases	Deaths
Measles	384	5
Rubella	0	0
Mumps	0	0
Scarlet Fever	302	3
Whooping Cough	60	3
Chickenpox	72	0
Erysipelas	19	1
Typhoid Fever	4	2
Smallpox	24	0
Diphtheria	22	1
Tuberculosis	21	10
Poliomyelitis	2	0
Cebrospinal Meningitis	0	0
Primary Pneumonia	31	9
(Influenzal Pneumonia	65	....
(Influenza	121	47
	1127	81

Isolation Hospital Report

Patients admitted:—

Scarlet Fever	119
Measles	6
Measles and Broncho-pneumonia	1
Scarlet Fever, Diphtheria and Flu	1
	127

Hospital days, 4826.

There was but one death, the case of Measles with Broncho-pneumonia. The child, age two years, was desperately ill when brought in from a neighboring municipality.

This excellent showing reflects the excellent work being done by the matron, Miss M. C. Mills, and her assistant, Miss Grace Brown.

Accounts

Salaries of regular employees	3363.00	
Salary of temporary employees	1120.16	
Maintenance Account	4,822.02	
		$9,305.18
Credits:—		
Collection of Accounts	$ 790.75	
Garden Produce	200.00	
		$ 990.75
Net Cost		$8,314.43
Cost per patient per diem		$ 1.92

Report of Visiting Health Nurses

Miss F. K. Fisher, who was with this department for five years, left us July 1st, and was succeeded by Miss T. Gerry. During part of the year three additional nurses were engaged, particularly to make house to house visits. These totalled three thousand, one hundred and eight (3108) visits, not including those made by a staff of nine extra nurses, employed for the month of November, 1919, to endeavour to locate missed cases of scarlet fever. These visits probably numbered eight thousand.

Miss Fisher's Report:

Month	New Born Babies	Breast Fed	Cows' Milk	Miscellaneous Foods	Special Calls	Revisits
1919						
Nov.						14
Dec.	43	31	4	8	3	6
1920						
Jan.	30	21	4	5		6
Feb.					6	
Mar.					2	
April	86	53	23	10	3	22
May	172	109	32	31	5	227
June	40	40			65	174
Miss Gerry's Report:						
July	199	118	30	51	4	218
Aug.	50	35	5	10	40	399
Sept.	48	38		10	28	432
Oct.	39	32	4	3	22	418
Total	707	477	102	128	178	1916

Other Visits Made

To cases of scarlet fever under quarantine	520
To cases of Diphtheria under quarantine	53
To take diphtheria swabs	27
To cases of Chickenpox	17
To cases of Whooping Cough	3
To quarantined houses (patient in hospital)	78
To school absentees	4340
To certify children back to school	59

This makes a total of over ten thousand visits exclusive of those made by the special nurses in November.

Births Registered in the City of Fort William

For the year ending October 31st, 1920.

1919	Total	Males	Females	Twins
1919				
November	62	30	32	
December	62	36	26	
1920				
January	48	28	20	1
February	66	39	27	3
March	78	34	44	1
April	61	33	28	3
May	86	42	44	1
June	50	26	24	3
July	79	47	32	2
August	84	47	37	
September	73	43	30	1
October	51	26	25	
	800	431	369	15

Still Births

	Males	Females	Total
1919			
November		1	1
December	1	2	3
1920			
January	1		1
February	1	1	2
March		1	1
April	2		2
May		2	2
June	4	1	5
July	1		1
August	2	2	4
September	1	3	4
October	6	1	7
	19	14	33

Laboratory Report

Until this year I had conducted a small laboratory in the City Hall. On November 1st, 1919, a Provincial Board of Health Laboratory was established in the City Hall, under the direction of Dr. N. O. Thomas.

Dr. Thomas has very kindly submitted me a report of the work he has done for this municipality, the scope of which shows the value of this laboratory to this community.

Laboratories, Fort William, November, 1920.

Work Done in This Laboratory for the Municipality of Fort William During the Year Ending October 31st, 1920.

Milk samples from dairymen for dirt and butter fat		195
Miscellaneous samples		402
Diphtheria Swabs for diagnosis		153
Positive	19	
Negative	134	
Swabs for release from quarantine		34
Positive	15	
Negative	19	
Sputa for Tubercle Bacilli		240
Positive	38	
Negative	202	
Blood for Typhoid Reaction		20
Positive	6	
Negative	14	
Syphilis—Wasserman Reaction		518
Positive	121	
Negative	397	
Trepoema Pallida		4
Positive	2	
Negative	2	
Gonorrhoea		152
Positive	59	
Negative	93	
Water for Bacteriological Analysis		23
Water for Chemical Analysis		23
Total		1764

Summary of Milk Tests

Name of Vendor	No. of Tests	Fat %	Clean	Soiled	Dirty
Thompson Bros.	18	3.55	14	3	1
Crescent Dairy Co.	23	3.22	11	7	3
H. Crabtree	17	3.43	10	6	1
Jas. Otway	14	3.42	11	3	0
F. McCarthy	15	3.44	12	3	0
B. Webster	17	3.47	13	3	1
F. Morris	23	3.18	15	6	2
P. Rizzo	12	3.69	4	3	5
H. Dougherty	13	3.64	7	1	5
L. Marsutti	10	3.74	3	6	1
F. Scollie	10	3.00	3	4	1-2 no test.

Sanitary Inspector's Report

Alfred J. Bolus, M.R. San. 1,

Sanitary Inspector.

Dr. E. B. Oliver, Medical Officer of Health, Fort William, Ont.

Dear Sir,—I beg to submit for your approval my report of the work done in my department for the year ending October 31st, 1920.

Visits to Business Premises

Continual watchfulness has been exercised of all places where food is sold, or food stuffs, prepared for sale. In this connection I am pleased to say how well kept the majority of the stores are. It has however, been necessary to bring one delinquent before the magistrate, and a few will be required to better conform with the regulations, or steps will have to be taken to close their premises. Apart from meat I have only had to condemn a few barrels of apples.

As a result of action taken, the basements of several of our restaurants are kept cleaner, and several used as sleeping quarters have been cleared out, or re-arranged.

Number of Visits Made

Butcher Stores	708
Bakeries	226
Candy Stores and Cafes	1200
Rooming Houses	189

Application for nine new licenses were made during the year and after careful inspection of the premises, recommendation was made to grant six, three others being refused.

Dairies

There are now thirteen dairies operating in Fort William, three of which rely on the farmers for their milk supply, the others keeping their own cows. One of the dairymen (Mr. John Otway) sells his milk in Port Arthur.

During the year a special visit was made to each of the thirteen dairies for the purpose of a detailed report as to buildings, cattle and general conditions. These reports are on file in my office and will be used during the coming year in an endeavour to bring these places up to a higher standard. In several instances the great rise in cost of material and labour has prevented dairymen from carrying out the improvements they otherwise would have done.

Abattoir

I am pleased to be able to report a successful period at the abattoir, as will be seen by the figures given below. The number of animals slaughtered was in excess of the previous twelve months by about one thousand head. In addition I am able to report that the much needed renovations which I have strived to get done for so long are now under way, and when same are completed, I believe Fort William will have a much more sanitary slaughterhouse than has hitherto served.

Much good meat has been brought in from Winnipeg, and the local dairymen and farmers have made good use of the place.

During the year, four thousand, one hundred and thirty-two (4132) pounds of meat have been condemned as unfit for food and destroyed at the Incinerator. I made three hundred and eight (308) visits to the abattoir during the year.

Summary of Animals Slaughtered During Year

	Cattle	Pigs	Calves	Sheep	Total
November, 1919	82	89	68	1	240
December, 1919	143	123	71	4	341
January, 1920	74	56	43	14	187
February, 1920	43	60	14		117
March, 1920	42	31	22		95
April, 1920	56	26	84		166
May, 1920	53	44	100		197
June, 1920	81	20	75	1	177
July, 1920	93	13	91		197
August, 1920	109	8	82	92	291
September, 1920	156	24	62	183	425
October, 1920	166	25	78	58	327
Totals	1098	519	790	353	2760

Meat Condemned

November, 1919	1212 lbs.
December, 1919	32 lbs.
January, 1920	492 lbs.
February	12 lbs.
March	525 lbs.
April	104 lbs.
May	450 lbs.
June	640 lbs.
July	
August	350 lbs.
September	
October	315 lbs.
	4132 lbs.

Communicable Diseases

During the year I have made 582 visits to homes in connection with communicable diseases, and fumigated 100 rooms. As regards fumigation, it is worthy of note that nothing in this line has been done since June last, the medical profession generally placing little value on it when taking into consideration the difficulty of carrying such work out in the thorough manner necessary to ensure its success. I have at all opportunities preached the gospel of fresh air and sunshine, and plenty of soap and water as germ killers with the use of liquid disinfectants when considered necessary.

The Market

The city market opened for business on May 11th, and closed after a successful season on August 29th. The market was opened two days of each week, viz.: Tuesdays and Fridays.

The products offered for sale was without exception of excellent quality and well served. Some small amount of criticism was offered in regard to one man selling meat exposed to flies. I would suggest that in future more provision be made for butcher stores and fish, especially that these stalls be placed on the gangway where the rest of the business is done. I should like also to call attention to the stabling of horses inside the market building, thereby causing flies to assemble. Teams should be kept outside or plenty of screened stalls for the sale of meat, etc., provided.

Sewer Connections and Plumbing Installations, Etc.

During the year fifty-three old premises have been plumbed, nineteen of which were installed by the City, thus eliminating fifty-three privies.

Nuisances

All nuisances found by me or cases reported as such by the public have received attention, investigation having been made as found necessary to remove the cause of complaint. Three hundred and forty-two written notices were sent out. In seventeen cases it was found necessary after other means had failed to bring offenders before the Police Magistrate.

Total amount of fines paid was $160.00.

Three hundred circulars were posted in the Coal Dock re keeping animals and some improvement has been made, but the nuisance is still in evidence, several of the offenders again keeping hogs, etc. in prohibited places. It will be my intention to make further efforts to improve this neighborhood by reducing the number of animals and insisting on proper accommodation and manure boxes for such as are permitted to remain.

Apartment Blocks

One hundred and thirty visits were made to apartment blocks during the year and it speaks well for the management of the various buildings when I have to report no complaint has been made by any occupant of rooms therein.

Considerable difficulty is experienced in persuading the owners of these blocks to provide proper accommodation for the garbage, and also in getting the occupants to deposit their rubbish in the proper place.

I would suggest that the Board of Works be asked to have their men instructed to clean up garbage at these blocks, whether it is or is not in a bin. This would encourage the owner to provide bins, and would make it easier to convict the habitual offender.

Public Institutions

I accompanied Dr. G. L. Sparks, Prov. Dist. Officer of Health when making a sanitary survey of the following places:

McKellar Hospital.
Isolation Hospital.
St. Joseph's Orphanage.
Donald Street Police Court (cells).
West Fort Lock-up (Cells).
Children's Shelter.
Each of the dairies and several farms.
C. P. R. Bunkhouses.

Visits of inspection were also made to Loch Lomond with Dr. Thomas re City Water Supply, to the Kam River re sewer outlets and to the site of the new pulp mill.

Wholesale Business Premises

No complaints have been received from any source in regard to the conduct or condition of the wholesale houses supplying food stuffs, and visits have shown that each of these places are kept in a very creditable condition.

All of which is respectfully submitted,

ALFRED J. BOLUS,
Sanitary Inspector.

Infantile Death Rate Summary by Wards

Ward	Population	Births	Rate per 1000 pop.	Deaths Under 1 yr.	Rate per 1000 births	Still Born	Rate per 1000 births
1.....	7443	356	47.83	61	171.34	10	28.09
2.....	6027	169	27.87	21	124.26	11	65.08
3.....	2044	62	30.33	2	32.25	2	32.25
4.....	4206	130	30.99	15	115.38	10	76.92

Analysis of Deaths under one Year by Wards

	Total	Ward 1	Ward 2	Ward 3	Ward 4	Non-Residents
104 Diarrhoea and Enteritis	31	23	3		4	1
151 Congenital Debility, etc.	35	19	10	1	3	2
152 Other Diseases of Early Infancy	18	8	3	1	3	3
91 Broncho-pneumonia	4	4				
150 Congenital Malformations	3	2			1	
10 Influenza	5	2	1		2	
8 Whooping Cough	1	1				
6 Measles	1	1				
76 Diseases of the ears	1	1				
89 Acute Bronchitis	2		2			
109 Intestinal Obstruction	1		1			
92 Lobar Pneumonia	2		1		1	
71 Convulsions of Infants	1				1	
	105	61	21	2	15	6

Deaths

Number on International List.		
10	Influenza	47
151	Congenital Debility, etc.	35
79	Organic Diseases of the Heart	16
92	Lobar Pneumonia	12
28	Tuberculosis of the Lungs	10
91	Broncho-pneumonia	8
189	Ill-defined	6
6	Measles	5
154	Senility	5
105	Diarrhoea and Enteritis (over two years)	4
8	Whooping Cough	3
50	Diabetes	3
54	Anemia	3
108	Appendicitis	3
165	Acute Poisonings	3
167	Burns	2
14	Dysentry	2
43	Cancer of the Breast	2
48	Chronic Rheumatism	2
78	Acute Endocarditis	2
89	Acute Bronchitis	2
109	Hernia, Intestinal Obstruction, etc.	2
9	Diphtheria	1
29	Acute Miliary Tuberculosis	1
56	Chronic Alcoholism	1
59	Other Chronic Poisonings	1
69	Epilepsy	1
74	Other diseases of the nervous system	1
110	Other Diseases of the Intestines	1
132	Salpingitis	1
134	Accidents of Pregnancy	1
145	Other diseases of the skin and annexa.	1
172	Traumatism by fall	1
186	Other External Causes	1
104	Gastro Enteritis (under two years)	42
152	Other Diseases peculiar to early infancy	18
120	Bright's Disease	10
64	Cerebral Hemorrhage	9
169	Accidental Drowning	6
7	Scarlet Fever	5
81	Diseases of the Arteries	5
45	Cancer of Unspecified Organs	4
137	Puerperal Septicaemia	4
175	Traumatism by Other Crushing	4
41	Cancer of the Peritoneum, Intestines, Rectum	3
76	Diseases of the Ears	3
150	Congenital Malformations	3
166	Conflagration	3
1	Typhoid Fever	2
30	Tuberculous Meningitis	2
47	Acute Articular Rheumatism	2
71	Convulsions of Infants	2
82	Embolism and Thrombosis	2
103	Diseases of the Stomach	2
115	Other Diseases of the Liver	2
18	Erysipelas	1
42	Cancer of the Female Genital Organs	1
60	Encephalitis	1
72	Chorea	1
99	Diseases of the Mouth and Annexa	1
131	Cysts and Other Tumours of the Ovary	1
135	Puerperal Hemorrhage	1
157	Suicide by hanging or strangulation	1
174	Traumatism by Machines	1
	Total	331

There were thirty-seven deaths of non-residents in this municipality. The causes of deaths were as follows:—

10	Influenza	4	
92	Lobar Pneumonia	3	
151	Congenital Debility	2	
120	Bright's Disease	2	
6	Measles	1	
49	Cancer of the Stomach, Liver	1	
42	Cancer of the Female Genital Organs	1	
50	Diabetes	1	
105	Gastro Enteritis (over two years)	1	
115	Other diseases of the Liver	1	
137	Puerperal Septicaemia	1	
154	Senility	1	
169	Accidental Drowning	1	
28	Tuberculosis of the Lungs	4	
104	Gastro Enteritis (under two years)	2	
45	Cancer of Unspecified Organs	2	
1	Typhoid Fever	2	
14	Dysentry	1	
41	Cancer of the Peritoneum, intestines, rectum	1	
78	Acute Endocarditis	1	
109	Hernia, Intestinal Obstruction	1	
132	Salpingitis	1	
142	Other diseases peculiar to early infancy	1	
189	Ill-defined	1	
		37	

There were twenty-one deaths which occurred in other municipalities which were reported here. The causes of death were as follows:—

10	Influenza	4
64	Cerebral Hemorrhage	2
7	Scarlet Fever	2
72	Chorea	1
79	Organic Diseases of the Heart	1
105	Gastro Enteritis (over two years)	1
152	Other diseases peculiar to early infancy	1
175	Traumatism by Other Crushing	2
167	Burns	2
30	Tuberculous Meningitis	1
78	Acute Endocarditis	1
92	Lobar Pneumonia	1
120	Bright's Disease	1
169	Accidental Drowning	1
	Total	21

General Expense Account—1919-1920

Salaries	$11,826.74
Temporary Employees	2,572.56
Maintenance of Isolation Hospital	5,942.14
Carfare	176.25
Printing and Stationery	123.18
Office and Laboratory Equipment	59.19
Antitoxin	33.08
Automobile	261.90
Conventions	100.00
Ambulance	16.00
Utilities	50.00
Ice	52.00
Fumigators	56.40
Stamps	28.00
Incidentals	237.07
Abattoir	664.80
	$22,199.31

Credits

Revenue from Abattoir	$ 710.75	
Isolation Hospital Accounts	790.00	
Garden Produce (Isolation Hospital)	200.00	
Police Court Fines	245.00	
Refund on Decorating	33.08	
		$ 1,979.28
Net Cost of Department		$20,220.03
Per capita cost		$1.024

Respectfully submitted,

EDWARD B. OLIVER,

Medical Officer of Health.

GALT

To the Chairman and Members of the Local Board of Health.

Gentlemen,—In accordance with the provisions of the Ontario Public Health Act, I beg herewith to submit my annual report, for the year ending Oct. 31st, 1920.

Re Typhoid Fever

The great outstanding feature of this report is the fact that our municipality is again free, for the 3rd time, from Typhoid Fever (excepting one man, who is being treated at the present time in the General Hospital, and, in my opinion, the source of infection did not arise in Galt) due, no doubt, as I stated in my last reports to the excellent condition of our water supply, and the careful supervision of the milk distributed to our citizens—yet when we know how easily milk can be contaminated; that one-fifth of all the deaths registered in Canada and the United States, are of infants under two years, and that cow's milk, next to the mother's is the normal and the best food for the baby, should it not impel us to use every endeavour possible to supply our citizens with pure, clean and wholesome milk?

It is very gratifying to me to be able to report that the milk supply has greatly improved, both in cleanliness and in butter-fat, and that one great source of danger has been removed (that of the transmition of the bovine tubercle) by having our entire supply of milk pasteurized.

Now Mr. Chairman, is this not something to be very proud of, when so far as I can learn, Galt is the first and only city of its size in the Province of Ontario, that has thus far accomplished it? Yet, notwithstanding this greatly improved condition, I believe that the city will never attain the standard it should, until it has one central pasteurizing plant, owned and operated by the city.

Re Infantile Mortality

Just here, would it not be appropriate to again call your attention to the fact that the death-rate among the children still continues to be too high, and in my judgment, the only method we can use to reach the public and prevent this useless waste of human life, is by a form of medical education that will reach the homes through the employment of a visiting health nurse, as well as the establishing of a baby clinic, under the control of the local board of health, fully equipped and managed by the Health Nurse.

Re Privies

The keeping of the outside privies clean and in a sanitary condition has been less trouble than heretofore, on account of the great reduction in their numbers, but it will never be satisfactory until the owners of every outside closet on the lines of sewers are compelled to connect and do away with the unsightly and unsanitary ones.

Re Public Lavatories

In the early part of this year, the local board of health met a committee on the city council, and after a careful consideration of the question of a public lavatory, decided that Galt should have one, and submitted a recommendation to the City Council that one should be placed in the basement of the market building, as soon as the Council could finance the same.

Re Disposal of Garbage

This question is a serious one, and must be considered at no distant date by the Board and the City Council, because the present dumps are about filled up, and to locate others is impossible without going outside of our municipality.

Re Venereal Diseases

Judging from the number of cases reported by the medical men of Galt, it would appear that the Venereal Disease is on the decline, but notwithstanding this fact, that the numbers reported are less, I am very doubtful if such is the case, as I am satisfied in my mind that all cases are not reported to the Medical Officer of Health, as are required by the Venereal Disease Act.

Re Communicable Diseases

It is very regrettable that the number of communicable diseases has been greatly in excess of last year, and how to prevent this state of affairs has cost me a great deal of thought and worry, and, after a careful investigation, I have come to the conclusion, that the principal cause, is the neglect on the part of the home, in not reporting to the Medical Officer of Health early, as is required by the Health Act.

Re City Hospital

This building will shortly be completed, and ready to receive contagious diseases and (when finished), being conveniently situated; having a bright and cheerful outlook; heated from a central heating plant; should make it very attractive and suitable for the purposes for which it has been built, and when opened to receive patients, I trust the Board will be able to cope more efficiently with, and prevent the spread of contagious diseases, more easily than heretofore.

A careful and judicious management will be required; a strict supervision and check of the expenditure; as well as a close watch kept on what comes in and what goes out, in order to prevent any unnecessary waste or leak.

As shown by the Vital Statistics Report, given below, a total number of deaths registered in the Galt division for this year is 175, whilst the number for last year was 208, being a decrease of 33, but even that favorable report does not do justice to our city, because I find on further examination that only 152 were actual residents of the city at the time of their deaths, the balance, 20, in number, being non-residents.

As will also be shown with the increase in our population, and the decrease in the number of deaths, the death-rate per thousand, has been reduced from 16.72 to 11.61, which condition I consider a credible showing and will compare favorably with any city in Ontario. Yet notwithstanding this excellent showing, we cannot afford to overlook the fact that the death-rate in the fact that the death-rate in children under two years still remains too high, being more than 1-5 of the total deaths registered in Galt.

Vital Statistics

Population	13,092
Deaths (resident)	152
Death (non-residents)	20
Death rate per M. residents	11.61
Death rate per M. non-residents	1.52
Infant Mortality under 2 years	38
Infant Mortality per thousand	2.90
Births	330
Births per thousand rate	25.20

Contagious Diseases

Reported		Deaths
1	Typhoid Fever	0
8	Smallpox	0
40	Scarlet Fever	0
30	Measles	0
112	Mumps	0
23	Chickenpox	0
30	Whooping Cough	1
1	Polio Myelitis	0
2	Erysipelas	0
20	Diphtheria	2
1	Tuberculosis	1

Respectfully submitted,

J. H. RADFORD,

Medical Officer of Health.

Galt, November 1st, 1920.

Dr. J. H. Radford, Medical Officer of Health, Galt, Ont.

Dear Sir,—I beg to submit a certified statement of the number of births and deaths registered at my office in the City of Galt, also cause of death for the twelve months ending October 31st, 1920.

Intestinal obstruction	4	Carcinoma	8
Stroke	2	Cancer	3
Croup	3	Bronchitis	3
Burns	3	Strangulation of bowels	1
Still born	11	Heart failure	4
Nephritis	5	Haemiphilia	2
Bright's Disease	4	Old age	16
Fracture of skull	2	Acute Indigestion	4
Myocarditis	6	Premature Birth	7
Coal Gas Poisoning	1	Appendicitis	2
Pneumonia	10	Apoplexy	1
Paralysis	2	Capillary Bronchitis	1
Laryngitis	1	Pernicious Anaemia	3
Diphtheria	3	Heart Disease	6
Influenza and Pneumonia	3	Double Pneumonia	1
Arterio Sclerosis	5	Tuberculosis	4
Chronic Bronchitis	1	Perforated Duodinal Ulcer	1
Grippe	1	Injury to leg and body	1
Infantile Inertia	3	Enophalitis Superior	1
Uraemic Convulsions	1	Myocardial degeneration	1
Malnutrition	3	Influenza	2
Wound of Scalp	1	Broncho-Pneumonia	3
Failure of Compensation	1	Endocarditis	1
Phthisis Pulmonalis	1	Dyspepsia	1
Diabetis Mellitis	3	Rheumatic fever	1
Uraemia	1	Inanition	1
Injury from accident	1	Cardiac Failure	2
Spina Bifide	1	Cholera Infantum	2
Cerebral Tumor	1	Auto Intoxication	1
Pericarditis	1	Cerebral Hemorrhage	1
Ententes of Colitis	1	Aortic Stenasis	1
Heart Lesion	1	Whooping Cough	1
Shock at Confinement	1		
		Total Deaths	175

Total number of births, 338.

Yours truly,

JOSEPH McCARTNEY,

Division Registrar, Galt, Ont.

HAMILTON

John W. S. McCullough, Esq., M.D., Chief Officer of Health,

Provincial Board of Health, Toronto, Ont.

Sir,—As instructed by you I submit herewith a report on the Public and Separate School buildings in the City of Hamilton.

The following schools have been inspected by my direction:

14 Separate School buildings (Catholic).
1 Separate School building (Seventh Day Adventist).
1 Normal School (Provincial Govt.).
26 City School buildings.

Total 42 School Buildings.

A separate report has been made on each of the buildings inspected. A copy of each of such reports has been furnished to the Secretaries of the various school boards concerned.

The work of inspection was well in hand before the forms supplied by the Provincial Board of Health had been received.

I hope the forms used in my report will meet with your approval.

I have the honour to be, sir,

Your obedient servant,

Chas. G. Booker, Esq. Mayor. JAMES ROBERTS,

Medical Officer of Health.

Chairman of the Board, Controller Calvin Davis

Members

Alderman John Tope — Mr. E. Madden

James Roberts, M. O. H.

James Roberts, M.D., Medical Officer of Health

Laboratory Staff

W. J. Deadman, M.B., Director — F. E. Elliott, Technician.
Miss W. H. Bowman — Miss C. L. White.

Division of Food Inspection

Charles S. Shain, D.V.S., Chief Inspector.
J. T. Arrell, D.V.S., Dairy Farm Inspector.
Geo. Gompf, Assistant Food Inspector.

Division of Sanitary Inspection

W. F. Thornley, Chief Inspector and Smoke Inspector.

L. A. MacDonald	A. C. Shain
George Potter	W. Langhorn
Chas. Robertson	J. Kennedy
John Bull	J. Dow

Division of Public Health Nursing

Miss Florence Torrey — Miss C. G. Harley
Miss A. Boyd — Mrs. A. Haygarth (Social Service)

Mrs. C. H. Jarvis (Tuberculosis)

Dental Clinics

H. A. Thompson, D.D.S., Director of Dental Clinic.
W. G. Manning, D.D.S., Director of Dental Clinic.
Miss May Wilson, Dental Assistant.

Clerks

Miss M. Quinn — Miss E. Horning

Ambulance Driver

Hewitt A. Bowman

Report of the Medical Officer of Health for the Year Ending October 31st., 1920

To His Worship, the Mayor, the Chairman and Members of the Board of Health for the City of Hamilton.

Gentlemen,—I have the honour to submit for your consideration the report of the Health Department for the year ending October 31st, 1920.

This report embodies the reports of all the sections of the Department, and includes tables and other matter demonstrating the various activities of the Department.

The year under consideration was characterized by some important innovations, and conditions of more than passing moment were met, to which reference will be made.

Tables and Statistics

Population—The population as estimated by the City Assessment Commissioner, to the middle of October, was 114,766.

Births—The number of births registered are shown month by month, in a table of this report and register a total of 3407—being equal to a birth rate of 29.6 per thousand.

Deaths—The number of deaths from all causes occurring amongst the residents of Hamilton, during the year, register 1,744, and are equivalent to an annual death rate of 13.27 per thousand, or excluding deaths from influenza, to a death rate of 12.28 per thousand. A perusal of the tables embodied in this report, will afford information relating to the cause of death.

It is the aim of the Department not only to secure a low mortality rate, but to arrive at conditions which shall ensure a healthy and pleasant city.

The infantile mortality rate or death rate per thousand of living births was 86.3.

It is worthy of note that the deaths from acute gastro-intestinal diseases in infants totalled 74.

The nurses of the Health Department are doing splendid service in advising mothers as to feeding, and the proper care of infants, but owing to other duties and an insufficient staff of nurses, this very important work has been lamentably curtailed.

It is hoped in the near future that the staff of nurses will be increased, so that more complete attention may be given to the important work of visiting every home where an infant arrives—suitable literature left, and where the nurse can be of service, to render such help to the mother that will result in proper care and feeding for the babies.

This service is not only welcome in the homes of the poor, but many possessed of much of this world's goods, gladly avail themselves of the service that a well-trained child welfare nurse of the Health Department is able to administer.

The Health Department, having in view the necessity for a pure milk supply not only for infants, but incidentally for the entire community, and to ensure that the surroundings where milk is prepared for shipment to the city, recognize the importance of such surroundings and conditions being under the supervision of the Health Department although situated outside of the city.

For this purpose, and with these objects in view, the Medical Officer of Health has advocated the appointment of a qualified dairy inspector, whose duties should be to inspect all dairies and places outside of the city, from which milk is obtained for Hamilton citizens.

The faithful services of such an official should result indirectly in a lower infantile mortality rate.

It is recognized that economic conditions are in a measure responsible for a considerable proportion of infantile mortality, and many an infant's life would be saved if the mother only knew what to do, or what not to do on critical occasions.

It is along educational lines that the most effective work in lowering the infantile mortality rate is to be accomplished.

Communicable Diseases

Influenza.—Attention is directed to the two tables recording the number of cases of communicable diseases notified, and the number of deaths resulting from the same, during the year.

It will be noted that out of 120 deaths from Influenza throughout the year, 114 of these deaths occurred in the two months of February and March.

It was in these two months that the Influenza Epidemic was at its height; as will be noted from the table referred to, 3,505 cases were notified to me in the month of February, and 451 cases in March, or 3,956 for the two months, out of a total for the year of 4,008.

The two months above referred to constituted a period of concern bordering on grave anxiety for the Health Department, when notifications for Influenza were being received by hundreds daily.

The Medical Officer of Health and his limited staff were working night and day in dealing with the epidemic, the virulence of which spent itself in March, when 451 cases were notified and only 2 cases in the latter six months of the year.

Emergency Hospitals were opened to receive patients suffering from Influenza, and help afforded from outside the Department, in caring for the sick, for which I fail to find words, to adequately express my appreciation of the noble sacrifice of those who helped in this work of mercy and humanity.

At this juncture I will insert the principal features of a report from Miss E. J. Deyman, Matron of the Emergency Hospital:

"From the opening of Scotts Barracks, Emergency Hospital on February 5th to closing on the 24th of March, a period of 48 days, 426 patients were treated."

"In the female section, 108 ward patients and 92 semi-private patients were treated."

"In the male section 114 ward patients and 118 semi-private patients were treated."

"Fourteen deaths in the female section, and 31 in the male section occurred, or a total of 45 deaths."

"The average age of males who died was 34, and the females 35 years."

"One hundred and fifteen patients had pneumonia of a severe type."

"Four patients were transferred to the City Hospital for operations; these were suffering from pleurisy with effusion."

"Nineteen patients had severe ear complication, and three were kept in bed on account of heart affection."

"When the hospital was closed, the 19 patients still under treatment, were transferred to Mount Hamilton and the City Hospital.",

"The greatest number of nurses on duty at any time, were 16 during the day and 14 at night."

"During the last week of February, when the epidemic was at its height, special care was given to the most severe cases."

"It is impossible to speak too highly of the splendid work performed by the volunteer nurses."

"Mrs. Snow, Miss Florence Barker and Miss Bristol gave unstintingly of their services, and at a time when it would have been impossible to cope with the situation, had it not been for their assistance."

"Miss Insole, who had charge of the Information Bureau, helped considerably by arranging the time of admitting patients, and in other useful work. Patients were admitted with as little delay as possible, considering the handicap in our work, owing to ambulances at our disposal never being more than one or two at any time, and these having to carry patients suffering from other infectious diseases to the City and Mountain Hospitals as well."

"The Red Cross Society worked for us as nobly as at any time during the great war, and when our supplies were depleted from time to time, it was a great help to us to be able to call on Mrs. Myles, the President, who always sent us everything we required."

"The supplies that were sent for sick children are worthy of special mention."

"The Moodie Company sent to us in our early days, several dozens of children's sleepers and other articles which were highly appreciated."

"The members of the Gospel Tabernacle were appealed to for aid, when it was found necessary to open two more buildings as Emergency Hospitals."

"Thirty of the members responded to our appeal, and in a very brief space of time we had the two named buildings ready for occupation."

"The Paardeburg Chapter, I.O.D.E. sent us supplies at various times. Among other things, clothing for patients on being discharged from the hospitals, that sent them home in comparative comfort."

"The Young Men's Club of the Central Presbyterian Church; Mrs. Hendrie of Gateside, Mrs. Mullin of James St., S., and Mrs. Manley Morden, and Mrs. Mewburn sent gifts of flowers, broth, ice cream, fruit, eggs, jelly and other things which were highly appreciated by nurses and patients."

Miss Deyman and her devoted band of willing helpers are deserving of the highest admiration possible, of every citizen of Hamilton.

Chickenpox

Two hundred and ninety-five cases of chickenpox were notified, from which no fatalities resulted, as compared with 185 notifications in the previous year.

Chickenpox is mainly important from a diagnostic point of view on account of the possibility of it being mistaken for Smallpox.

Smallpox

Smallpox has been insistent practically throughout the year.

Except for July, notifications have been received in every month, during the year.

In all, 91 cases were reported; these entailed unremitting energy on the part of the staff in keeping the disease under control.

A large percentage of the cases notified were contracted outside of the City, while others have been of such a mild type as to escape recognition, until other cases of a more serious nature have resulted from being in contact with the hitherto unrecognized mild cases.

From this latter point of view a mild case of smallpox is possible of being a greater source of danger to the community than a case of a more serious nature, as generally a greater number of persons are exposed to the former than to the latter.

In every case no conceivable effort is spared in discovering every possible contact, protecting them by vaccination, and keeping them under daily observation until danger from infection is passed.

No deaths have been referred to this disease during the year. This fact may be considered an evidence of the mild nature of the cases generally.

Diphtheria

It will be noted that Diphtheria has been prevalent throughout the year.

Notifications have been received in each month, from 72 in December, to 19 in July; the total number of cases for the year being 596, with 44 deaths being referred to this disease or a case mortality of 73.9 per thousand.

The number of cases of Diphtheria for the previous year totalled 185.

The case mortality of slightly over 7 per cent. should be regarded as satisfactory, although many of the lives lost would probably have been preserved had curative measures been resorted to at the proper time.

In the majority of fatal cases of diphtheria it has been found that the ailment has escaped recognition or been untreated so long that they were in extremis before curative measures were adopted.

When diphtheria is diagnosed in its early stages, and the patient properly and promptly treated with anti-diphtheritic serum, recovery may be regarded as almost certain. On the other hand when such treatment is omitted, or even delayed, a fatal termination may be expected in a very large percentage of cases.

Scarlet Fever

Of this disease 493 cases were reported and 11 deaths, giving a case mortality of 22.3 per thousand.

In the previous year, 292 cases of Scarlet Fever were reported with 5 deaths, and a case mortality rate of 17.1 per thousand.

This disease was most prevalent in January when 103 cases were reported, with 2 deaths.

The numbers were least in August and September, when 9 cases were reported in each of these months.

Two deaths resulted in July and none in August.

Owing to the large number of cases of Scarlet Fever being notified, during the early part of the year, it was decided by the Board of Health acting on my advice to provide sufficient means for the hospitalization of persons suffering from this disease.

On January 17th, the premises known as the Jockey Club Emergency Hospital, at the Corner of Barton and Ottawa Streets, were re-opened to receive Scarlet Fever patients, these premises having previously being equipped and furnished to deal with the Influenza epidemic previously referred to in this report, so that everything was in readiness to deal with the epidemic of Scarlet Fever, at short notice.

Miss Florence Torrey was placed in charge of the hospital and with an efficient staff of 5 nurses, one chef, one orderly and a fireman performed excellent service in dealing with the Scarlet Fever epidemic.

The hospital was in occupation from January 17th to June 1st, or 135 days.

During this period 78 patients were admitted, and represent 3,243 days for patients treated.

Typhoid Fever

The following particulars relating to Typhoid Fever are worthy of note.

Excluding cases brought from localities outside of the city for treatment at the General Hospital of which there were 6, a total of 59 notifications have been received during the year.

In 35 of these cases the disease was contracted out of the city, while the persons so suffering were temporarily residing, or on visits to friends, in other municipalities.

So that not more than 24 cases were contracted in the city, or the source of infection had not been definitely determined.

Forty-seven or 72.3 per cent. of the cases reported were notified during September and October, or in the period when a large percentage of persons on their annual vacation, are returning to their homes.

Measles

Measles were very prevalent during the months of April, May, June and July; 1,655 cases being reported during these four months, out of a total for the year of 1,846.

Ten deaths were referred to measles, showing a mortality rate of 5.4 per thousand.

Whooping Cough

During the year 315 cases of Whooping Cough were notified, and 11 deaths occurred from this complaint, or a case mortality of 34.9 per thousand.

The Department directs parents as to the necessity of properly isolating their children, when affected with this disease, and to be careful not to expose other children to infection.

Such precautions however, are frequently not observed, because many parents fail to realize the gravity of this disease and sometimes only regard it as a severe cold.

The length of time some cases will last, affords an excuse for the parents to become lax in keeping the patient properly isolated.

Sanitary Inspection

The Sanitary Inspection of the City has been more thorough and systematic than in former years.

This has been rendered possible by the appointment of additional inspectors.

This important work is by no means as complete as could be desired, for there are approximately 22,000 homes in the City of Hamilton.

For inspection purposes the City has been divided into five districts with an inspector allotted to each district, with approximately 4,500 houses in each.

It will be seen that for an inspector to call at every house in his district, he will be required to make 30 calls per day, in order that his district be inspected once every six months.

At certain periods of the year, particularly after the spring thaw has set in, the yards and surroundings at least of every house should be inspected, for in a very large number of cases, insufficient care, often amounting to gross carelessness, is exercised in preventing the occurrence of nuisances about the dwelling, when the ground is covered with Winter's snow.

Animal and vegetable matter; old rags; papers; tins; bottles and other refuse, instead of being deposited in proper receptacles are indiscriminately thrown into the yard, or on an adjacent vacant lot.

This conglomerate mass of refuse is not particularly noticeable when the ground is covered with snow, but as soon as the thaw sets in, it becomes very much in evidence.

It becomes apparent that a district inspector is required to attend strictly to the needs of his district.

It has been the experience of all inspectors during the past year that such attention has been impossible owing to other demands upon his time.

Cases of Smallpox have occurred in the city at frequent intervals, some of them necessitating the finding out and keeping under observation, large numbers of contacts, and other attendant work which every case entails.

This has necessitated three out of the five district inspectors being away from their districts for various periods, and the work of inspection consequently neglected.

There are a large number of houses and premises in the city which only require a very occasional visit from an inspector. There are others, however, where the inspector is perforce a frequent visitor.

From these observations it will be seen that the staff of inspectors is much lower than the needs of the City demand.

The report shows in tabulated form, the description and number of premises inspected during the year.

It also records the character and number of sanitary defects and insanitary conditions discovered during the course of inspection; the removal or abatement of such would of necessity entail improved conditions as viewed from a sanitary standpoint, not only at the actual premises where such adverse conditions existed, but also, in the aggregate for the community in general.

In addition to the tables and other statistics, attention is directed to the reports from other sections of the Department.

Nurse Dealing With Tuberculosis

The report from Mrs. Jarvis, the nurse, engaged in combating tuberculosis is very interesting and a record of good work accomplished.

The past year has been one of marked progress in the fight against tuberculosis.

Social Service

This branch of the Health Department work is under the care of Mrs. Haygarth, whose report is a fine record of good work accomplished.

Health Nurses

The reports of the Health Nurses whose work is mostly in evidence in homes where infectious diseases have occurred, are also of considerable interest.

There is an ever increasing demand for the services of the Public Health Nurse, not only in homes visited by disease, but where instruction and advice in matters relating to health conditions can be afforded.

Lack of space forbids my commenting on the excellent work accomplished at the Laboratory. The Dental Clinics and other branches of Health Department work and reports from the same are submitted.

The Food and Dairy Division Report is also a record of work entailing technical knowledge of a high order, and finished accomplishment.

The work of this Division has in common with other Divisions of the Health Department, been severely handicapped during the year, owing to the necessity of the inspectors of the division to discard much of their regular work, in combating numerous occurrences of smallpox and other diseases.

Special Reports

Many subjects of considerable importance to the community have been dealt with during the year, either in special reports to the Board of Health by the Chief Sanitary Inspector, or myself.

Some of these have been disposed of, while others are still under consideration and may be referred to as follows:—

Housing Conditions

In common with nearly all cities in Canada, housing conditions afford occasion for anxious consideration.

It is an established fact that practically no houses worthy of occupation are available for the needs of people with slender incomes, in any part of the city. Neither is there any apparent improvement visible in the situation.

This condition is due to the continued high cost of building material, and of labor.

An attempt to solve the problem, in a manner that is likely to prove a menace to the moral and physical health of the community, has been made in one quarter of the city, by the erection of single room dwellings.

At the close of the year several of these single room structures existed; one was the home of a man, his wife and 6 children, ranging from 3 to 14 years of age, with no sanitary convenience or water supply. Such a case needs no comment, as conditions can be better imagined than described.

It is recommended that no permit be granted for a house, to be used as a dwelling, for less than three rooms.

Conditions in Factories and Workshops

Some attention has been paid by the Health Department to sanitation in factories and workshops. Considerable improvement in working conditions have been secured in several instances.

It is hoped however, that better attention to this important matter will be possible in the ensuing year.

Health Centre

It is gratifying to note that owing to the hearty co-operation of the Hamilton Health Association with the City Health Department, for at least the last two years, arrangements have now matured whereby the Board of Health assumes the responsibility for the dispensary work of the Association.

This dispensary work will be conducted in the basement of the premises on Main Street formerly known as the Old Library building, as soon as the necessary alterations have been effected, and equipment furnished.

The offices of the Medical Officer of Health and his staff will also be situated in this building, when the necessary works are executed to permit the transfer of the City Health Department to the first floor of the building.

Dental and other clinics, along the various lines of preventive medicine, will also be established at these premises when circumstances permit.

It is hoped this centre will develop into a source of immense benefit to the citizens in general.

I desire to express my cordial appreciation to the Hamilton Health Association, the Medical Society, the Board of Trade, the Chamber of Commerce, the Rotary Club, the Independent Labour Party, the Daughters of the Empire, and other organizations, together with the large number of individuals, who have so nobly interested themselves in the establishment of a Health Centre, and who have assisted in bringing the matter to such a successful start.

An Appreciation

In concluding my report for 1920, I wish to express my thanks to the Chairman and members of the Board of Health, who have at all times loyally supported me in all matters brought before the Board involving the interests of the health of the community.

I have the honour to be, gentlemen,

Your obedient servant,

JAMES ROBERTS,

Medical Officer of Health.

On Smoke Nuisances: Their Abatement and Prevention, For the Four Months, Ending October 31, 1920

James Roberts, Esq., M.D., Medical Officer of Health, City of Hamilton, Ont.

Sir,—I have the honour of submitting the following report on Smoke Nuisances, their abatement and prevention for the four months, ending October 31, 1920.

I commenced my duties as Chief Sanitary Inspector and Smoke Inspector for the City of Hamilton, under you on July 5th, 1920, so that my report on the smoke situation in the City of Hamilton will of necessity be from that date only.

At the meeting of the Board of Health for the month of August, I submitted a report on Smoke Nuisances, in the City of Hamilton, and stating in brief the remedial measures which should be adopted, if the fouling of the atmosphere by objectionable smoke were to be prevented.

Since that time considerable progress has been made in smoke abatement, and in measures being adopted, which will eventually result in the further improvement in the smoke situation.

During the four months recorded, action has been taken as follows:—

Observations of chimneys and smoke stacks	68
Inspections of boiler houses, power plants, boiler equipment, fuel supply and other matter in relation to smoke abatement or prevention	90
Total of Observations and Inspections	158

Notices Served

Statutory Notices were served for 45 premises	45
In eleven instances the owners of premises were warned or advised, as to remedial measures to be adopted in connection with smoke omissions from their premises, although not actually served with Statutory Notices	11
For the purpose of record in these cases, such warnings or admonitions might be classified as informal notices, and result with the Statutory Notices in a total of fifty-six Notices	56
Actual Results have been obtained as follows:—	
Mechanical Stokers of different types actually installed, or in course of installation, and will be in actual operation before the close of the year 1920	6
Premises where changes in fuel and methods of firing while particulars of the relative values of various types of mechanical stokers or other smoke preventing equipment are being enquired into	7
Steam jets, with and without heated air, and other devices known as smoke consumers fitted to boilers	5
Premises where the use of bituminous coal (or what is generally described in Hamilton, as American soft coal, and which is responsible for at least 95% of the nuisance occasioned by objectionable smoke), has been discontinued as fuel, and replaced by a non-objectionable smoke evolving fuel	11
Total of premises affected	29

In practically every other case investigated, it has been found that large supplies of bituminous coal have been stored in the coal bunkers, or contracted for, so that deliveries of same are to be continuous during the winter.

In a large percentage of the premises so affected, the boilers are not adapted to the equipment of smoke preventing or consuming devices, and the owners are unable to cancel or change their contracts for the substitution of a fuel that will not evolve objectionable smoke.

In all of these cases the firemen have been instructed as to the methods of firing with bituminous coal, so as to occasion the minimum of nuisance from the chimneys or smoke stacks of the premises involved.

In addition to these precautions, some of the latter have obtained supplies of anthracite screenings or small grades of anthracite coal, and are using the same in connection with the bituminous coal as a means to further reduce the seriousness of the nuisance.

In several instances satisfactory results have been obtained from this latter expedient, while in others, benefits have been less pronounced.

It is worthy of note, that except where mechanical stokers are in use, there is no type of boiler existing in the City of Hamilton where either semi-bituminous or semi-anthracite coal could not be used with distinct advantage from every point of view, in preference to bituminous or high volatile coal.

This most important fact should be made known, not only to every coal dealer in the City of Hamilton, but to every person responsible for the procuring of coal for manufacturing and heating purposes, so that the errors of past years may be corrected in the future.

It must be remembered that a smoke laden atmosphere is an unhealthy atmosphere, and persons suffering from diseases of the respiratory organs are particularly affected by such conditions.

Smoke means not only dirt, but it also means waste—waste of fuel, waste of money.

It is practically impossible to estimate the actual loss, in cash alone, being sustained at the close of the year, when numerous chimneys and smoke stacks are discharging volumes of fuel in the form of unconsumed carbon, which we call smoke, into the atmosphere. In some instances it is not unreasonable to estimate that at least 25% of the fuel is being wasted by this means alone.

It will be seen therefore that no hardship is inflicted on any person required by the Health Department to abate a smoke nuisance. On the contrary any money spent on a smoke preventing, or even a smoke consuming equipment may in every instance be regarded as a good investment.

Let it also be remembered that smoke is not only unhealthy, dirty, and offensive, but it is also destructive. Considerable damage is done to every building in the City, more or less, by smoke emissions.

The carbon affects painted surfaces; the sulphur compounds positively destroy metals and are also very destructive to stone, brick and concrete buildings.

If a careful examination be made of any building in the city, the destructive work of the various elements found in smoke will be readily detected.

Some of these points may not have any considerable bearing from a sanitary point of view, but must be considered worthy of attention, if the best results of smoke inspection are to be attained.

The methods of dealing with smoke prevention in the City during the last four months of the year have been largely educational or advisory.

It is gratifying to note that the effect has been responsive in almost every instance.

Notices have invariably followed observation and inspections. On receipt of such notice, the persons responsible, have in nearly all cases consulted your Inspector as to the possibility of remedial measures being applied.

Although from the reasons already mentioned, the smoke nuisance is greatly in evidence in the city, up to the present, magisterial proceedings have not been considered advisable.

It should be remembered however that owing to lack of knowledge or of foresight in preventing smoke nuisances in the past, improved conditions will be required in the future.

And to this end I would respectfully recommend as follows:—

(1) The Coal Dealers in the City be advised to secure large and sufficient supplies of Pocahontas or other semi-bituminous or semi-anthracite coal for their customers, at as early a date as possible, to replace bituminous or smoke evolving fuel, for low pressure boilers, or where it is not expedient or possible to provide smoke preventing equipment.

(2) That it be made known by letter, by advertisement, or through the Press, that although the abatement or prevention of smoke nuisances have not been rigidly enforced in the past, that persons offending along these lines in the future, will after due Notice from the Medical Officer of Health be prosecuted under the Public Health Act, of Ontario.

(3) That all Public Bodies, including the City Council, the Board of Education, the Provincial Government, and others that the Smoke Preventing Clauses of the Public Health Act are to be observed.

(4) Notify the Railway Companies that smoke emissions from their locomotive engines and buildings, will not be permitted in the City of Hamilton.

Failing the adoption of remedial measures, that action will be taken that will result in the electrification of all yards, stations, tracks and terminals in the City of Hamilton.

I have the honour to be, sir,

Your obedient servant,

W. F. THORNLEY,

Chief Sanitary Inspector and Smoke Inspector.

Division of Sanitary Inspection

Report for the Year Ending October 31st, 1920, City of Hamilton

Complaints received and attended to	1,142
Statutory Notices Served	1,337
Verbal or Informal Notices Served	1,465
Total of Notices	2,802

Premises Inspected

Dwelling Houses	4,410
Tenements and Apartment Houses	2,028
Hotels, Lodging, Boarding, and Rooming Houses	220
Workshops, Factories and Offices	232
Restaurants and Stores	458
Stables	497
Laundries	242
Second Hand Stores and Junk Yards	78
Yards, Sheds, Areas, Outbuildings, and Alleyways	3,248
Vacant Lots	160
Schools and Public Buildings	110
Other Premises	953
Inspections for Communicable Diseases	16,201
No. of Inspections	22,837
No. of Re-Inspections	4,941
Total of Inspections and Re-Inspections	27,778

Defects and Nuisances Discovered and Removed or Abated

Plumbing

Defective or Choked Drains	279
Defective or Choked Sinks, Urinals or Washbasins	165
Defective Soil Pipes and Other Sanitary Fittings	220
Defective Ventilation of Plumbing	52
Frozen Plumbing or Water Pipes	1
Defective Eave Troughs and Leaders	347
Insufficient or Improper Plumbing	135
New Plumbing or Water Services Installed	465
Total of Plumbing Defects	1,664

Particulars of Smoke Nuisances

Observations of Chimneys and Smoke Stacks	56
Inspections of Boiler Rooms, Power Houses and Equipment	79
Total of Observations and Inspections	135
Statutory or Informal Notices	51

Other Nuisances or Defects

Dirty Yards, Courts, Sheds, Areas and Alleyways	1,089
Dirty Walls, Ceilings and Floors of Dwellings and Other Premises	1,456
Inadequate Natural Light	29
Insufficient Ventilation of Premises	38
Keeping Animals in or near Dwellings	279
Lack of Proper Receptacles for Manure, Garbage and other Waste	196
Accumulations of Manure and Other Refuse	592
Defective and Insanitary Cellars or Basements	230
Dilapidated and Generally Insanitary Dwellings or other Premises	483
Insanitary Conditions in Factories, Offices or Stores	62
Insanitary Conditions in Halls and Theatres	11
Insanitary Conditions in Schools or Public Buildings	69
Overcrowding	17
Defective Chimneys	22
Defective Roofs	175
Defective Gas Stoves and Fittings	13
Defective Furnaces or Stoves	23
Earth Closets or Privies	254
Miscellaneous	929
Total	5,967
Plumbing Defects Brought Forward	1,664
Total of All Defects Remedied	7,631

Cases Reported for Prosecution	8
Drains Tested:—	
Positive	27
Negative	11
Total	38
Positive Percentage	71.1

W. F. THORNLEY,

Chief Sanitary Inspector.

Tuberculosis

Report of Visiting Nurse, Dealing with Tuberculosis

James Roberts, Esq., M.D., Medical Officer of Health.

Sir,—Below please find report from the down town dispensary of the Sanatorium, for the year ending September 30th, 1920.

In reviewing the work at the dispensary there are few outstanding features differing from past years. There has been a slight diminution in the number of patients coming for examination, owing partly, I believe, to the establishment of the new clinics for sick children and the work being done in the homes from the D.S.C.R.

Statistics inform us of a material reduction in advanced cases of tuberculosis during the past years, even with the predisposing effects of increased cost of living and a tendency to congestion owing to the shortage of houses. This canot be considered otherwise than a result of more efficient treatment and control.

In the beginning of the year the dispensary was again closed for several weeks as a protection against the spread of influenza. Only cases from out of town, or those in special need of attention were examined.

During the year 1,432 examinations were made by physicians in charge; 534 new patients were registered. From the new cases examined 126 were found to have active pulmonary tuberculosis and were invariably recommended for Sanatorium treatment.

If people could only realize the importance of treatment in the early stages of tuberculosis not one would hesitate in taking advantage of the wonderful opportunity for treatment and instruction given at the Mountain Sanatorium. Patients with an open mind to learn and a willingness to receive help are in most cases not only cured themselves, but extend the benefit of instruction and training received to their own homes, and their children, who in many cases have already shown signs of infection, stand a much greater chance of growing into healthy men and women.

Unfortunately many fail to "take the cure" mostly through a lack of understanding of the disease itself, for if they did understand few would allow business or cares of the home, no matter how important it might seem at the present, to interfere with the all important duty of regaining one's health before it is too late.

From the new cases examined 63 were incipient, 47 moderately advanced and eighteen far advanced cases.

203 suspicious or doubtful cases have been kept under observation during the year, either through coming to the dispensary at stated intervals or by the visiting nurse in their own homes.

Sources of reference to the dispensary have been as follows:—Physicians,city, 209; county 28; the remainder coming of their own volition or on advice of friends.

In addition to this number 79 open cases (positive sputum) have been reported from the City Laboratory.

Our different nationalities have been Canadian 293, English 142, Scotch 10, Irish 8, American 12, Italian, Russian, Chinese and others, number 67. Considering our foreign population there is very little doubt that incipient or even moderately advanced cases are not being located.

215 children of 14 years and under have been examined this year at the dispensary. The majority of these little ones, although non tuberculosis, show an undernourished condition, pale, under standard weight, nervous and irritable. Visiting the home frequently reveals the fact of injudicious feeding, milk, cereals, and vegetables almost entirely left out; late hours, and poor ventilation.

One mother confided the fact to the visiting nurse that she could not understand why her little Mary took sick every winter, as soon as cold weather set in. This home maker did not ventilate the sleeping rooms at all. Her husband is an ex-san patient. This particular case shows how difficult it is to change habits already fixed.

This fact, in spite of the educational campaign continually going on, is evident by the number of storm windows one sees while walking along the street.

Nourishing food, 8 to 10 hours sleep, sunshine, fresh air and cleanliness are preventive measures for this disease, at least.

1548 visits were made to the homes; of these 377 were new calls.

Houses in Hamilton, as every one knows, have been scarce and there has been a tendency to overcrowding. Our Local Board of Health has done everything possible to maintain a high standard of sanitation, but it is the people themselves who must make the homes.

Adverse conditions found, are mostly resulting from the lack of the all important instinct of cleanliness and order.

203 miscellaneous calls were made during the year.

Patients requiring medicine or supplies numbered 562.

The junior members of the Hamilton Health Association have been as usual ever present help in time of trouble, contributing over 7,000 quarts of milk to families where one or often two members were in need of a little extra, apart from what the parents could afford.

$120 was drawn from the Miss Doolittle fund, $46 of which was spent in buying milk and $49.20 for eggs; the remainder buying fruit and luxuries for patients confined to bed.

We also wish to thank those who have so thoughtfully contributed reading matter to the dispensary during the year.

Respectfully submitted,

MRS. C. H. JARVIS.

To James Roberts, Esq., M.D., Medical Officer of Health.

Sir,—Below please find the report on work accomplished in connection with the Social Service branch of the Health Department, for the six months ending October 31st, 1920. This branch of the Department was inaugurated in May of 1920, and of necessity this report only deals with the work over a period of six months.

The opening of this branch of the Department is evidence of the progress made toward solving the Venereal Disease problem. For many years past the patient took treatment when he chose, ignoring any precautions against the exposure of others; and the physician was accountable to no one for the careless patient. The Venereal Diseases were spoken of in hushed tones and were considered as different from other diseases. After the war or I should say, out of the war has come an entirely new conception of these diseases. Today the venereal diseases go with the other diseases to make up the whole public health problem. We are told that, medically we are armed to the teeth against these diseases and are just awaiting the day of human enlightenment and that what public knowledge and sentiment have done to lessen the tuberculosis scourge, can be done to syphilis and gonorrhea.

In response to the appeal of the Provincial Board a clinic was established at the General Hospital, where the best of treatment is available to the many who need it, but are unable to pay for the long treatment necessary for the cure of syphilis and gonorrhea.

During the six months, 106 persons were examined and of these 92 were placed under treatment. Ten children, ranging from 2 to 16 years were placed under treatment.

Four hundred and sixty-four visits were made to the homes in connection with Venereal Diseases.

The social service nurse has a great opportunity for work in the home. It is not alway-possible for the nurse to visit the home on account of the unwillingness of the infected person. However, this unwillingness can often be overcome when the patient is given a proper understanding of the disease. Of the younger patients, the great majority received no sex instruction at home.

One case of chancroid was reported, 303 cases of syphilis and 135 positive cases of gonorrhea. These do not include the many cases treated on clinical evidence.

Fifteen cases are taking treatment under the Venereal Disease Prevention Act, at the present time.

Two hundred and thirty-eight visits were made for the communicable disease branch of the Department.

I have the honour to be, sir,

Your obedient servant,

AGNES HAYGARTH,

Social Service Nurse.

City of Hamilton, Health Department, July 29th, 1920.

Report on a Special Sanitary Survey of Homeside, Recently Annexed to the City, Submitted to the Board of Health, for the Month of July, 1920

To James Roberts, Esq., M.D., Medical Officer of Health.

Sir,—I beg to report that as instructed by you, and as required by the Provincial Board of Health, a survey of the above described portion of your City has been made by Inspector L. A. MacDonald and myself, with the view of determining as to the necessity for sewer and water mains in that locality.

The survey was commenced on July 13th, by making a house to house visitation, and ascertaining names of owners and occupants, number of occupants, ages, water supply and sanitary conveniences provided.

After obtaining this information on several streets, it was found that the City Assessors' Department was also making a survey and obtaining all information as to owners, occupants, ages of children and other matter.

It was considered unnecessary to duplicate this information and the survey was confined to the number of houses, and sanitary conveniences with available water supply.

The sanitary conveniences consisted invariably of the outside earth closet, of the box pattern.

This is a very unsatisfactory form of closet; it is liable to become a fruitful source for the spread of infection from certain diseases, and should only be permitted to exist as a temporary measure.

The water supply differs materially in some directions. At thirteen houses on Kenilworth Ave., it was found that water had been laid on the premises from city water mains on the west side of the street. Some of the occupants carried water in pails from city service pipes, over long and short distances; some obtained their water from either their own or their neighbours' wells; these were invariably shallow wells, and liable to the possibility of contamination from several sources; some of the residents obtained their water from Fairfield School, many of these having to traverse several hundreds of yards for this necessary commodity, while others obtained it from various sources.

Number of premises on the various streets for which sewers and water mains are required, are as follows:

Name of Street	No. of Premises on Streets
Main Street	18
Park Row Ave.	7
Province St.	16
Graham Ave.	6
Houghton Ave.	8
Wexford Ave.	9
Huxley Ave.	11
Tuxedo Ave.	4
Crosswaite Ave.	22
Garside Ave.	13
Barons Ave.	18
Cope St.	49
Tragina Ave.	48
Weir Ave.	40
Fairfield Ave.	40
Paling Ave.	33
Strathearn Ave.	9
Roxborough Ave.	2
Brittania Ave.	23
Archibald Ave.	11
Hope Ave.	48
Albany Ave.	34
Alberta Ave.	31
Harmony Ave.	48
Division Ave.	13
Bedford Ave.	12
Barton Ave.	16
Lloyd Ave.	14
Vansitmart Ave.	15
Harrison Ave.	17
Dunbar Ave.	2
Merchison Ave.	2
Kenilworth Ave. (For water and sewer)	10

Kenilworth Ave. (Sewers only)	13
Rosseveldt Ave.	4
Conrad Ave.	3
Beach Rd.	6
Total for sewer and water	662
Total for sewer only	13
Gross Total	675

The City of Hamilton will of necessity develop in the direction under consideration, and while a fair proportion of the locality is at present vacant, this condition should not continue for any reasonable period.

Even should there be no development as indicated, I consider from a sanitary point of view that sewers and water mains should be provided in all the above mentioned streets, with the least possible delay.

I have the honour to be, Sir,

Your obedient servant,

W. F. THORNLEY,
Chief Sanitary Inspector.

City of Hamilton, Health Department.

To James Roberts, Esq., M.D., Medical Officer of Health.

Sir,—I submit for your consideration the report on Food and Dairy Inspection for the year ending Oct. 31, 1920, as follows:—

TOTAL NUMBER OF INSPECTIONS	4,692
Inspection of Central Market	153
Inspection of Butcher Shops	198
Inspection of Slaughter Houses	4
Inspection of Hide Houses	8
Inspection of Fruit and Vegetable Stores	81
Inspection of Butter and Egg Stores	14
Inspection of Chinese Tea Stores	23
Inspection of Grocery Stores	46
Inspection of Ice Cream and Confectionery Stores	42
Inspection of Ice Cream Cone Factories	32
Inspection of Ice Cream Factories	4
Inspection of Candy Kitchens	47
Inspection of Bottling Works	4
Inspection of Restaurants and Lunch Rooms	462
Inspection of Bake Shops	163
Inspection of Bake Wagons	3
Inspection of Hotels	15
Inspection of Cheese Factory	1
Inspection of Fish Stores	4
Inspection of Offal Wagons	1
Inspection of Laundries	2
Inspection of Junk Yards	1
Inspection of Dairy Farms	27
Inspection of City Dairies	386
Inspection of Milk Depots	63
Inspection of Milk Wagons	121
Number inspections for butcher license	48
Number inspections for milk license	75
Number inspections for ice cream pedlers' license	8
Number milk licenses refused	47
Number inspections re milk sold without license	46
Number milk samples tested, chemical	118
Number milk samples tested, bacterial	147
Number cream samples tested	8
Number milk temperatures taken	33
Number sediment tests made of milk	17

Number milk dairies closed on account of disease	2
Number summons issued	14
Attendance at Police Court	21
Number times weighing poultry	6
Number times weighing butter	12
Number times weighing bread	14
Number complaints re food investigated	17
Miscellaneous inspections in connection with various communicable diseases	1,682

Notices Were Served as Follows

Notices to clean butcher shops	44
Notices to clean fruit and vegetable stores	9
Notices to clean grocery stores	23
Notices to clean ice cream cabinets	12
Notices to clean ice cream cone factories	13
Notices to clean candy kitchens	17
Notices to clean restaurants and lunch rooms	316
Notices to clean refrigerators	37
Notices to clean Chinese tea stores	10
Notices to clean yards	2
Notices to clean bake shops	66
Notices to clean milk dairies	70
Notices to remove water closets from food store-room	1
Notices to whitewash walls	2
Notices to cover and protect foodstuff	54
Notices to screen door and windows (restaurants and dairies)	38
Notices to discontinue sale of milk	9
Notices to take out milk license	4
Notices to build milk house	9
Notices to limewash cow stables	11
Notices re dairy farms storing ice	350
Notices re high bacterial count of milk	4
Notices re milk tests	9
Notices re high temperature of milk	37

Seizures

No. lbs. veal	187
No. lbs. pork	117
No. lbs. beef	1,862
No. lbs. geese	195
No. lbs. chickens	10
No. lbs. fish	50
No. lbs. tomatoes	1,000
No. dozen eggs	90
No. baskets grapes	35
No. baskets apples	5

I have the honour to be,

Your obedient servant,

C. SHAIN,

Chief Inspector.

Hamilton, Ontario.

To James Roberts, Esq., M.D., Medical Officer of Health.

Report of the Dental Clinics

Sir,—During the past year over fourteen hundred children have been referred, by the school nurses, to the Dental Clinics for treatment. Of these, ten hundred and eighty-two received complete attention and were dismissed. The report shows in detail just what work has been done.

The annual inspection of the public schools but recently completed, has been very gratifying showing as it does, a great improvement over last year.

Of over seventeen thousand children examined, approximately seventy-five per cent. are dentally defective, while last year ninety per cent. required treatment.

While this number is still alarmingly great, it shows great progress and it is to be hoped our board may see fit to provide further facilities in the near future, to further the good work.

Below is submitted a detailed report of the year's work:—

Total treatments	3,044
Total extractions	2,468
Fillings:—	
Amalgam (silver)	434
Petroid Cement	399
Copper Cement	986
Enamel	137
Temporary Fillings	19
Gutta Percha	561
Miscellaneous Operations	306
Silver Nitrate	2,202
New Cases	1,401
Completed Cases	1,082
Total Examinations	17,469

Respectfully submitted,

W. G. MANNING, D.D.S.

H. A. THOMPSON, D.D.S.

Record of Visits by the Public Health Nurses for the Year

Number visits re Measles	360
Number visits re Diphtheria	204
Number visits re Scarlet Fever	162
Number visits re Mumps	174
Number visits re Chickenpox	157
Number visits re Whooping Cough	69
Number visits re Influenza	27
Number visits re Impetigo and Scabies	70
Number visits re Tuberculosis	14
Number visits re Typhoid Fever	8
Number visits re Smallpox and vaccinations	119
Number visits re Scarlet Fever release	121
Number visits re Baby Welfare Work	196
Number visits re Diphtheria cultures taken	630
Number visits re Quarantine and Isolation	142
Number visits to homes	181
Number miscellaneous calls	205
Number hours assisting at vaccinations	93
Number visits re insanitary conditions	41
	2,880

Summary of Work Done by the Inspectors in Quarantine and Isolation

Houses placarded for Scarlet Fever	246
Houses placarded for Diphtheria	182
Houses placarded for Measles	1,478
Houses placarded for Smallpox	62
Houses placarded for Poliomyelitis	1
Houses placarded for Cerebro-spinal meningitis	2
Houses disinfected for Scarlet Fever patients sent to hospital	204
Houses disinfected for Diphtheria patients, sent to hospital	344
Houses disinfected for Smallpox patients, sent to hospital	24
Houses disinfected for Cerebro-spinal meningitis patients, sent to hospital	2
Houses disinfected for Diphtheria—cards removed	160
Houses disinfected for Scarlet Fever—cards removed	228

Houses disinfected for Smallpox—cards removed	41
Houses disinfected for Cerebro-spinal meningitis—cards removed	2
Houses disinfected for Tuberculosis	44
Houses disinfected for Erysipelas	7
Houses disinfected for Typhoid Fever	9
Miscellaneous disinfections	16
Measles cards removed	1,134
Visits re quarantine and isolation	1,416

Report of the Laboratory

Dr. James Roberts, Medical Officer of Health, Hamilton, Ont.

Dear Sir,—I have the honour to submit the report of the Laboratory for the year ending October 31st, 1920. There has been a marked increase in the amount of work done and it is hoped that more and more, the doctors of the City, will make use of the Laboratory facilities, placed at their disposal. As explained in a circular issued during the year, we are now undertaking to mail to each doctor, reports of the specimen submitted for examination, as soon as it is finished, while everything of an urgent character is immediately transmitted by telephone.

During the year the work of the Laboratory has been extended by doing Wassermann Re-Actions for the City, free of charge, thus obviating the necessity of sending these specimens to the Provincial Laboratory, also an increased number of Bacteriological Examinations of milk have been made, as well as the routine examination of the excreta of cases of Typhoid Fever, in order to detect carriers. It is hoped to constantly extend the scope of the work, and to give a laboratory service which is the equal of any.

The attached report show the number of specimens examined during the year. It entails a great amount of work not only in making the necessary examinations, but in the preparation and standardization of media-reagents, etc., as well as in keeping records and getting out reports.

I am also submitting a statement showing the net cost of the outfits, supplied free by the Laboratory. It is hoped that the fullest use will be made of these outfits, but it is also to be hoped that they will be used only for the purpose for which they are intended, thus saving the city a considerable amount of expense.

	Positive	Negative	Total
Wassermann Reaction	383	1,216	1,599
Smears for G.C.	122	977	1,099
Diphtheria cultures	1,040	7,221	8,261
Sputum for T. B.	102	577	659
Widal Reactions	53	141	194
Stools and Urines for B. Typhosus	1	40	41
Milk samples			147
Water			320
TOTAL			13,320

Respectfully submitted,

WM. J. DEADMAN,

Director.

Vital Statistics

	1914		1919		1920	
	Births	Deaths	Births	Deaths	Births	Deaths
November	247	107	200	322	251	109
December	210	99	220	218	291	142
January	261	127	190	109	301	121
February	207	96	208	113	315	233
March	284	128	247	171	275	220
April	237	131	241	157	317	133
May	247	118	238	117	313	149
June	252	86	195	93	309	128
July	252	95	195	91	275	141
August	263	94	151	95	274	119
September	234	110	239	101	246	126
October	227	93	197	114	240	123
	2,921	1,284	2,521	1,701	3,407	1,744

Comparative Table

Showing number of deaths, within the following age periods:—

	1913-1914	1918-1919	1919-1920
Under 1 year	459	416	496
From 1 to 5 years	52	76	106
From 5 to 10 years	31	66	70
From 10 to 20 years	36	73	62
From 20 to 30 years	70	200	99
From 30 to 40 years	85	198	122
From 40 to 50 years	111	128	124
From 50 to 60 years	105	145	173
From 60 to 70 years	128	153	197
From 70 to 80 years	127	151	180
From 80 to 90 years	72	79	93
From 90 to 100 years	8	16	21
Ages not given	0	0	1
	1,284	1,701	1,744

Deaths

1. *General Diseases.*

Influenza	1	332	120
Measles	7	.....	10
Typhoid Fever	9	2	9
Whooping Cough	19	1	11
Scarlet Fever	.....	5	11
Diphtheria	16	14	44
Erysipelas	4	3	2
Tetanus	3	.....	1
Epidemic Anterior Polio-myelitis	.....	.....	3
Sleeping Sickness	.....	.....	2
	59	357	213

Tuberculosis—

Lungs	89	46	44
Meninges	1	9	5
Intestines	2	1	2
Peritoneum	1	.....	.....
Spine	1	.....	.....
Jaw	1	.....	.....
Kidney	.....	4	.....
Larynx	.....	.....	1
Joints	.....	.....	2
	95	60	54

Carcinoma—

Stomach and Liver	23	33	37
Abdominal	3	.....	.....
Intestines	9	8	20
Breast	3	9	6
Uterus	4	10	8
Neck	1	3	.....
Jaw	1	.....	.....
Kidney	1	.....	.....
Bladder	2	6	10
Heart	1	.....	.....
Tongue	1	.....	1
Rectum	1	5	7
Throat	.....	4	4
Lip	.....	6	1
Ovary	.....	2	.....
Cerebral	.....	.....	1
Pancreas	.....	.....	2
Not Specified	18	13	2
	68	99	99

Sarcoma—			
Thoracic Cavity	2		1
Intestines	1		
Abdominal	1		
Bladder			4
Liver			1
Brain		1	1
Not Specified			1
	4	1	9
Naevus Growth	1		
Rheumatism	3	3	6
Toxemia			6
Rheumatism Inflammatory	1		
Septicaemia	5	13	14
Abdominal Abscess		2	
Exophthalmic Goitre	2	2	5
Alcoholism	7		2
Anaemia Pernicious	8	11	15
Anaemia	3	5	4
Leukemia	1	2	2
Diabetes Mellitus	15	13	9
Addisons Disease	2		
Syphilis		1	6
Rheumatoid Arthritis		1	1
Purpura Hemorrhagica		2	1
Arthritis Deformans		1	
Thyroidism			2
Hodgkin's Disease			1
	48	56	74
2. *Diseases of the Nervous System.*			
Meningitis	15	13	6
Chorea	1		
Cerebro Spinal Meningitis	5	1	2
Locomotor Ataxia	1	2	2
Cerebral Haemorrhage	12	20	17
Cerebral Embolism	1		3
Cerebral Tumour	4	1	3
Melina	1		
Abscess of neck	1		
Heat prostration	1		
Rickets		2	
Cerebral hernia		1	
Haemophilia		1	
Empyema		1	
Malformations	26	20	23
	292	362	396
Paralysis (general)	10	3	5
Paralysis (agitans)	1	3	3
Paralysis (throat)	1		
Disseminated Sclerosis	1		
Epiplepsy	3	3	1
Convulsions (not specified)	13		
Concussion of the Brain	1		
Abscess of the Brain	1		
Cerebral Abscess			2
Insanity	1		
Apoplexy	28	36	31
Hemiplegia	4	4	7
Cerebral Congestion	1		
Neuritis	1		
Hemorrhage into Spin. Cord	1		
Psychosis (not mentioned)	1		
Encephalitis		1	1

Dementia	.....	.....	2
Cerebral Thrombosis	.....	.....	1
Otitis Media	.....	.....	2
	107	87	88

3. *Circulatory System.*

Ameurism	1	3	2
Endocarditis	14	17	25
Chronic Valvular Disease	46	22	19
Angina Pectoris	3	5	9
Arterio Sclerosis	36	40	75
Myocarditis	31	30	48
Heart Failure	11	20	48
Varicose Ulcer	1	.....	.....
Aortie Regurgitation	4	2	3
Mitral Regurgitation	3	11	5
Fatty Degeneration	2	.....	.....
Acute Dilation	9	9	16
Mitral Insufficiency	1	5	2
Embolism	2	3	.....
Cardiac Insufficiency	2	5	4
Atheroma	2	.....	.....
Ruptured Varix	1	.....	.....
Thrombosis	.....	1	.....
Ovarian Cyst	.....	1	.....
Hemorrhage (not specified)	.....	.....	3
	169	174	259

4. *Diseases of the Respiratory System.*

Bronchitis	24	14	21
Broncho Pneumonia	23	62	56
Lobar Pneumonia	10	12	36
Hypostatic Pneumonia	2	2	3
Pleuro Pneumonia	1	3	4
Pneumonia	61	133	85
Empyema	1	3	2
Haemoptysis	1	1	.....
Congestion of Lungs	2	.....	.....
Oedema of Lungs	1	2	6
Pulmonary Abscess	1	.....	4
Pulmonary Embolism	1	.....	.....
Asthma	.....	1	6
Gangrene of Lungs	.....	1	.....
Toxemia	.....	3	.....
Pleurisy	.....	.....	3
Laryngitis	.....	.....	4
Hematenesis	.....	.....	1
	128	237	231

5. *Diseases of the Digestive System.*

Diarrhoea	.....	.....	3
Catarrhal, Gastritis	1	.....	.....
Abscess of Liver	2	.....	.....
Duodenal Ulcer	2	.....	.....
Appendicitis	7	8	17
Peritonitis	14	6	9
Strangulated Hemia	1	5	2
Cirrhosis of Liver	3	4	1
Jaundice	.....	3	3
Intestinal Obstruction	14	9	10
Ileo Colitis	1	.....	1
Gastro Enteritis	42	1	9
Gastritis	8	2	3
Gastric Ulcer	3	2	2
Convulsions (Gastritis)	6	2	2
Intussesception	2	.....	1
Cholecystitis	2	.....	3

Gall Stones	.....	3	3
Neuritis of Stomach	1	.....	.....
Starvation	.....	.....	1
Enteritis	7	2	.....
Colitis	.....	.....	1
Cholelithiasis	2	.....	1
Intestinal Hemorrhage	2	.....	.....
Cancrum Oris	2	.....	.....
Dysentry	.....	1	.....
Pelvic Abscess	1	1	1
Convulsions (not specified)	.....	3	.....
Volvulus	.....	1	.....
Acute Indigestion	.....	3	.....
	123	56	73

6. *Diseases of the Genito-Urinary System.*

Nephritis	24	43	36
Parenchymatous Nephritis	2	.....	.....
Bright's Disease	24	6	12
Uraemia	5	3	8
Salpingitis	.....	.....	1
Cystitis	3	5	2
Uterine Fibroid	2	.....	3
Prostatic Hypertrophy	3	1	3
Renal Calculus	1	.....	.....
Infection after Prostatectomy	2	.....	.....
Pyelo Nephritis	1	.....	1
Hydronephrosis	1	.....	.....
Stoppage of Bladder	1	.....	.....
Disease of the Prostate	.....	1	.....
Dropsy	.....	1	.....
Ovarian Tumor	.....	.....	1
Interstitial Nephritis	.....	.....	7
	69	60	74

7. *Puerperal State.*

Eclampsia	3	1	4
Placenta previa	2	.....	2
Abortion	1	2	2
Septicaemia (childbirth)	3	10	6
Puerperal Fever	1	.....	.....
Ectopic Gestatio	1	2	.....
Childbirth	.....	3	1
Hystoropathy	.....	1	.....
Post partem hemorrhage	.....	.....	3
Caesarean section	.....	.....	3
	11	19	20

8. *Diseases of the Skin.*

Gangrene (not specified)	2	3	2
Herpes Zoster	.....	1	.....
Epithelioma	2	.....	.....
Gangrene (foot)	.....	.....	3
	4	4	5

9. *Diseases of the Bones.*

Osteomyelitis	1	1	1
Mastoiditis	.....	1	2
	1	1	3

10. *Diseases Common to Early Infancy.*

Mulnutrition	33	38	56
Gastro intestinal diseases	31	66	67
Still births	98	164	132
Premature	77	65	89

Asphyxia Neonatorum	3	.....	4
Injury at birth	6	.....	6
Toxemia	.....	2	1
Hemorrhage	2	.....	8
Pyloric obstruction	3	.....	.....
Meningitis	.....	.....	1
Gonococcus Infection	.....	.....	3
Icterus Neonatorum	3	2	1
Atelectasis	1	.....	5
Syphilis	2	.....	.....
Meningeal hemorrhage	3	.....	.....
Pemphigus neoatorum	1	.....	.....

11. *Diseases of Old Age.*

Old Age	7	23	22
Debility (general)	2	10	6
Senile decay	28	21	24
Adyamic causes	4	.....	.....
	41	54	52

12. *External Causes.*

Accidental injuries, falls, burns, poisoning, etc.	30	35	34
Murder	.....	1	2
Suicide	5	3	12
Fractures	8	13	19
Hanging	.....	.....	1
Killed by train, auto, street car, etc.	9	13	12
Post operative	4	2	7
	56	67	87

13. *Ill Defined Causes.*

Shock	1	.....	.....
Extreme physical prostration	1	.....	1
Syncope	2	.....	.....
Natural causes	1	1	.....
Cause not known	3	4	7
Cause not given	1	1	.....
	9	6	8

Summary of Communicable Diseases Reported From November 1st, 1919 to October 31st, 1920

Diseases	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total
Chickenpox	62	41	.....	32	12	11	17	20	8	3	6	83	295
Diphtheria	77	72	70	36	38	44	62	37	19	40	50	51	596
Scarlet Fever	37	50	103	68	75	38	40	21	13	9	9	30	493
Typhoid Fever	.....	4	1	.....	1	2	1	.....	3	6	27	20	65
Tuberculosis	9	7	7	8	14	13	18	15	18	8	15	20	152
Measles	2	3	14	14	50	216	383	729	327	68	40	.....	1,846
Mumps	24	84	247	307	296	138	118	45	7	3	7	7	1,283
Erysipelas	.....	2	1	3	3	1	1	2	.....	1	.....	1	15
Smallpox	4	20	15	14	10	4	2	5	.....	2	4	11	191
Whooping Cough	8	5	16	11	16	21	27	22	28	19	57	85	315
Influenza	7	2	41–3	505	451	1	.....	.....	1	.....	.....	.....	4,008
Cerebro Spinal Meningitis	.....	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	3
Poliomyelitis	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2
Sleeping Sickness	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2
TOTAL	231	291	515–3	998	966	490	669	896	425	116	216	308	9,166

xIncludes 41 Typhoid Fever cases infected outside of the city.

Showing Deaths from Communicable Diseases From November 1st, 1919, to October 31st, 1920

Diseases	November.	December.	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	Total.
Diphtheria	4	6	4	1	7	3	3	3	4	4	2	3	44
Typhoid Fever	1	0	1	.....	.....	1	1	.....	.....	1	.....	4	9
Scarlet Fever	1	.....	2	2	1	1	.....	1	2	.....	1	.....	11
Whooping Cough	.....	.....	.....	.....	.....	2	3	.....	3	.....	2	1	11
Erysipelas	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	2
Influenza	.....	.....	.....	76	38	3	2	.....	1	.....	.....	.....	120
Consumption	2	5	5	5	6	6	1	7	2	2	2	1	44
Tuberculosis other forms	.....	2	2	1	.....	.....	2	.....	.....	1	.....	1	10
Measles	.....	.....	.....	.....	.....	3	3	2	1	.....	1	.....	10
Sleeping Sickness	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2
Anterio Polio-myelitis	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	.....	3
La Grippe	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	5
TOTAL	15	94	15	92	21	19	15	13	13	8	9	12	271

Summary of Communicable Diseases Reported From November 1st, 1918, to October 31st, 1919

Diseases	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total.
Diphtheria	6	9	12	14	19	14	7	14	10	15	22	43	185
Scarlet Fever	1	6	26	58	46	35	22	31	26	11	11	19	292
Typhoid Fever									2	2	2	2	8
Tuberculosis	7	7	22	12	9	12	17	10	13	27	14	16	166
Chickenpox	13	8	2	8	34	36	73	42	9	3	13	40	281
Measles	7		1	2	4	2	14	9			7	4	50
Mumps	1	1	1		2	4	2	5	2	7	8	8	41
Erysipelas	1		1										2
Smallpox	1	1		1				2		5			10
Whooping Cough	2		1	3	1	2			7	2	8	3	29
Influenza	2,816	2,554	202	155	304	171	28	4	2	2	18	12	6,268
Poliomyelitis									2		1		3
TOTAL	2,855	2,586	268	253	419	276	163	117	73	74	104	147	7,335

This table is inserted for the purpose of comparison.

Showing Deaths From Communicable Diseases From November 1st, 1918, to October 31st, 1919

Diseases	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total.
Diphtheria	1		1	1	1	3	1	2	1	1		2	14
Scarlet Fever					1	1	1	1		1			5
Typhoid Fever	1			1									2
Whooping Cough										1			1
Erysipelas								1		1		1	3
Consumption	8	5	6	2	3	5	5	1	2	3	2	4	46
Tuberculosis other forms	2	1	2	3	1	1	1	2	1				14
Influenza	165	84	11	8	28	25	8	1			2		332
TOTAL	177	90	20	15	34	35	16	8	4	7	4	7	417

This table is inserted for the purpose of comparison.

Summary of Communicable Diseases Reported From November 1st, 1913, to October 31st, 1914

Diseases	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total
Smallpox	9	10	9	7	3	.....	.....	1	.....	3	3	2	47
Erysipelas	1	2	1	.....	.....	.....	1	.....	.....	1	.....	.....	6
Measles	2	6	4	2	18	42	267	473	220	33	12	4	1,083
Typhoid Fever	4	.....	.....	1	1	.....	1	.....	.....	9	5	11	32
Scarlet Fever	5	4	17	10	15	8	8	1	2	3	6	18	97
Whooping Cough	30	33	46	38	226	114	64	36	6	6	12	2	613
Diphtheria	26	21	16	16	9	6	10	4	19	27	13	27	194
Chickenpox	24	44	45	44	44	27	44	11	3	18	4	22	330
Mumps	2	1	.....	6	13	1	4	.....	1	.....	1	3	32
Poliomyelitis	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Tuberculosis	13	12	7	10	10	13	14	16	15	11	13	12	146
TOTAL	116	133	145	135	339	211	413	542	266	111	69	101	2,581

This table is inserted for the purpose of comparison.

Showing Deaths From Communicable Diseases From November 1st, 1913 to October 31st, 1914

Diseases	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total.
Tuberculosis	5	8	11	11	5	10	6	7	9	7	5	5	89
Diphtheria	5	2	.....	2	2	.....	1	1	1	.....	1	1	16
Measles	.....	.....	.....	.....	.....	.....	2	3	2	.....	.....	.....	7
Typhoid Fever	3	.....	.....	.....	.....	1	.....	.....	1	2	1	1	9
Whooping Cough	1	2	1	1	4	6	3	1	.....	.....	.....	.....	19
Influenza	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Erysipelas	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	1	4
Tuberculosis other forms	.....	.....	.....	.....	1	2	2	1	.....	.....	.....	.....	6
Cerebro-spinal-meningitis	.....	.....	1	.....	.....	1	.....	2	1	.....	.....	.....	5
TOTAL	14	13	13	14	14	21	14	15	14	9	7	8	156

This table is inserted for the purpose of comparison.

KINGSTON

Kingston, Ont., Nov. 1st, 1920.

The Chairman and Members of the Local Board of Health, Kingston, Ont.

The year that has just closed has been marked by a prevalence of infectious diseases that surpasses all records for many years back. Judging from information that has come to me from various sources, I believe that this Municipality is not alone in this respect, but that all through the Province, similar conditions have prevailed. While many factors have probably been active in producing this state of affairs, one that undoubtedly has played an important part, is the fact that a large number of cases, particularly of smallpox, scarlet fever and diphtheria have been of an extremely mild type, in some cases escaping observation entirely, and in many cases not requiring the attendance of a physician, thus spreading the disease in an uncontrolled and uncontrollable manner. It is a very good illustration of the statement that these diseases are not spread very far by the serious cases that are immediately diagnosed and isolated, but by the milder types that wander about, able to continue at school or at work without recognition of any ailment either by themselves or by those with whom they associate.

Of the most important diseases the following record has been made:—

Smallpox—Between November 1st, 1919, and Nov. 1st, 1920, 46 cases were reported and isolated. Very few of these were severe, most being of a mild type that cleared up entirely in two weeks and were attended in their homes by their own physicians. A few cases occurred in each of the Hospitals in patients admitted for other ailments, and were isolated and treated there. A study of the reports on these cases is interesting. Very few of them had ever been successfully vaccinated, none recently, and in several homes there would be one or two cases of smallpox, while the other members of the family, who had been previously vaccinated escaped entirely, although having been directly exposed to the disease for several days.

In anticipation of an outbreak the Board of Health last year advised vaccination of school children and about 50% of them were vaccinated before March, 1920. In October, 1920, the Board of Education on the advice of the Board of Health decided that all school children should be vaccinated or leave school during such time as there were any cases of smallpox in the municipality. As a result of this action nearly all school children are now vaccinated and the chances of spread of the disease correspondingly lessened. A question often asked is "why should school children be vaccinated and general vaccination not be enforced?" In Kingston there is good reason for this. In 1908-1909 we had an epidemic of smallpox here and general vaccination was made compulsory. As a result the whole community was thoroughly vaccinated. Since then the Army regulations have insured thorough vaccination of all those enlisted during the war. In addition to this many adults have been vaccinated voluntarily, and many children under school age have been vaccinated on the request of their parents. Then there is always the large percentage in every community that have a natural immunity, so that by vaccination of school children at the present time one of the most susceptible classes in the community has been attended to, and during the last twelve years a relative immunity has been obtained by a large percentage of the local population. Unless the disease should show signs of becoming more malignant in type I do not think that further extension of the vaccination regulations is necessary. Judging from the experience gained in the Influenza epidemic of two years ago no compulsion will be required if the disease takes on a fatal type. A 25% death rate would soon converteven the most vigorous type of conscientious objector. In connection with the subject of vaccination a curious phase of human nature is apparent. If a man is going to build a house he consults architects and builders. If he has trouble with his heating system he consults plumbers and steam fitters, not doctors, but in many instances if a man wants advice regarding vaccination, a matter that is purely medical and surgical in nature, instead of looking to the medical man who have studied the matter through successive generations well on to two hundred years, he will in preference take the advice of men whose only qualifications are a mass of misinformation, a glib tongue and an arm that never suffers from writer's cramp. The fact that vaccination is supported by over 90% of all medical men the world over, and by practically 100% of the laboratory men who spend their lives in investigation of this and allied problems and that these men vaccinate themselves and their families as a preventative against smallpox should be sufficient to convince reasonable people that there is something in it.

There were 138 cases of scarlet fever reported during the same period, 9 of these came here as patients already ill with the disease. The mildness of a large percentage of these cases is the cause of the prevalence of the disease. Many of these cases are never recognized as such but are thought to be cases of sore throat or indigestion and so the disease is passed on to others.

Diphtheria has been the most serious epidemic we have had. Many of the cases have been severe, and the death rate has been high. In this disease delay in finding out the nature of the trouble has been the cause of fatality. When a physician is called in to see a child, for the cases have been to a large extent children under school age, who has been sick for two or three days with a sore throat and finds the throat, sometimes the mouth and nose, plastered with a dense white membrane, he marvels at the apparent lack of observation on the part of those entrusted with its care. Death in such cases is very probable, and it is doubly sad when one reflects that early injection of antitoxin would have averted a fatal issue. When the public

generally begins to realize what is now a well established and generally recognized fact among the medical profession that infectious diseases generally are spread by contact with moist secretions from the infected individuals, generally from mouth and nose, and that infections of various types can be early recognized by careful examination, and that early treatment is the big factor in eliminating fatality the incidence of such diseases in the community will decline very rapidly. When every case of sore throat is regarded as a possible case of scarlet fever, diphtheria or epidemic meningitis, and is immediately referred to a physician for examination we will have fewer regrettable incidents to record. In connection with the recognition and reporting of these infectious cases among school children I wish to express my thanks to the School nurse for valuable assistance and information.

We had three cases of typhoid fever reported this last year and in each case the infection was traced to outside sources. In so far as this shows that our water and milk supplies are free from disease contamination the condition is satisfactory.

Last spring after a conference between representatives of the Provincial Board of Health, the Local Board of Health and the General Hospital, it was decided to open a clinic at the Hospital for venereal diseases. The arrangements for this are practically completed, and the clinic will be opened for the reception of patients at an early date.

During the past year two conferences between the Local Board of Health and the milk producers of the locality have taken place with a view to determining the possibility of having milk pasteurized and distributed to a central plant. The matter is still under consideration and it is to be hoped that a scheme that is workable will be arrived at as it will mean improved quality of milk combined with economy in distribution.

During the year a By-law for the better protection from contamination of foods offered for sale, was drafted by Mrs. Macgillivray and sent on to the City Council by the Board, after the latter has recorded its approval of the measure. Up to date this By-Law has had only one reading, but the Board is hopeful of having the matter finally dealt with before the year closes.

Improvement in housing conditions has had the Board's serious consideration, and in some cases progress has been made, but the high cost of material and of labour has prevented any energetic campaign to be undertaken. Only absolutely necessary improvements have been ordered, but it is hoped that in the near future it will be possible to get rid of places that can only be classed as shacks.

In my report last year reference was made to the need of more help at the Home for the Aged. Formerly, medical, surgical or nursing equipment here was not very necessary, but with the present tendency of the General Hospitals to limit their Ward services to acute cases and the impossibility of having the milder types of mental cases that may be classed as senile degeneration admitted to the Hospitals for the Insane, owing to the over crowding of these with acute cases, there is thrown on the Municipalities the responsibility of caring for a number of cases of illness and helplessness in municipal refuges. This means that at least one nurse and one orderly will have to be added to the staff of our Home here in Kingston unless the City Council can arrange the matter with the Local Hospital.

All of which is respectfully submitted.

A. R. B. WILLIAMSON,

Medical Health Officer.

KITCHENER

Kitchener, November 26th, 1920.

The Chairman and Members, Local Board of Health, Kitchener, Ont.

Gentlemen,—I beg to present herewith my annual report for 1920.

The most important disease with which we had to contend during the year was smallpox. There were 86 cases. There were a number of severe cases, but the majority were of a mild type. 66 cases were treated at the Isolation Hospital. In many of them it was impossible to trace where the case was contracted. Free vaccination was offered to schools by the different Boards and 1,500 children were vaccinated. All the city physicians assisting. Several factories in which the disease appeared, offered free vaccination to their employees, but comparatively few availed themselves of the offer.

Influenza, complicated in many cases with severe pneumonia, was prevalent during January and February. The number of deaths from pneumonia during the year was 44. Number of deaths from tuberculosis was 14, from cancer, 8. There were 22 cases of scarlet fever, twelve being treated at the Isolation Hospital. There were 8 cases of diptheria with 1 death, and 160 cases of measles. No cases of typhoid fever were reported.

The Provincial Laboratory reports on water were all good. All city water during the year was from artesian wells.

The milk tests have, on the whole, been good and up to the required standard.

Total number of deaths during the year, 290; and births, 575.

Respectfully submitted,

JOHN McGILLAWEE.

Medical Health Officer.

LONDON

London, December 7, 1920.

Dr. John W. S. McCullough, Chief Officer of Health, Toronto, Ontario.

Dear Doctor,—I beg to submit the following report of the year's work of the Health Department, City of London, for 1920.

Early in the year we began to hear reports that a second season of the influenza epidemic was being experienced in different parts of Canada and United States. In a very few weeks after the new year cases began to develop in London. It was soon found necessary to provide a temporary hospital for a number of cases. To this end arrangements were made whereby the west wing of Victoria Hospital was used by the Board of Health for influenza cases. In this ward one hundred and five cases were treated with five deaths. This is a remarkably good showing when compared to number of deaths from influenza during the previous year, when the death rate was very heavy. The epidemic of 1920 was different from that of the previous year. During the first epidemic practically all the deaths occurred in patients sixteen to thirty years of age. During the 1920 epidemic deaths occurred in people of almost all ages. Many of the deaths at this time were due to ordinary pneumonia and other causes, but the excited public attributed practically all deaths to influenza. The nurses who worked for the Board of Health at the emergency hospital worked hard for long hours and their efforts were rewarded by the saving of lives.

The following diseases were reported to the M. O. H. during 1920:—

Diphtheria	170 cases;	21 deaths.
Scarlet Fever	103 cases;	1 death.
Whooping Cough	186 cases;	0 deaths.
Measles	232 cases;	2 deaths.
Influenza	105 cases.	
Pneumonia	2 cases.	
Rashes, etc.	127 cases.	
Chickenpox	104 cases;	0 deaths.
Smallpox	15 cases;	0 deaths.
Typhoid	15 cases;	2 deaths.
Mumps	714 cases;	0 deaths.
Venereal Disease	120 cases;	0 deaths.

Total cases reported 1893.

The total number of cases of smallpox seems low, considering that there were many cases throughout the province. Each case of typhoid fever was given special investigation. Most cases occurred in people coming to the city from United States and other points, and in those who had been out of the city when the disease was contracted. The one hundred and seventy cases of diphtheria includes all cases sent to the diphtheria ward. Some of these proved not to be diphtheria, but were treated as such as a precautionary measure. The twenty-one deaths from diphtheria may be attributed mostly to neglect on the part of the parents in not calling a doctor soon enough. The M.O.H. has never seen a patient die from diphtheria where antitoxin was given during the first day of illness.

Scarlet fever the past year was of a mild type and the death rate low.

Cases of mumps were very prevalent during the early autumn and winter months and have lingered on until the present.

One case of smallpox was very severe, but most cases were of a moderate nature.

Chickenpox and whooping cough are with us more or less practically all the time. The number of cases of venereal disease reported was one hundred and twenty.

A Venereal Disease Clinic is now being conducted at Victoria Hospital, and indications point to a great deal of good being done in this regard. People generally are alert to this menace and aid in many ways towards stamping out these diseases.

The films, "The End of The Road," and "Open Your Eyes," have done much to arouse the public. Large audiences saw both pictures here.

The Plumbing Inspector has been very faithful in his duties, but has been working under a great handicap since the City Council has practically suspended the plumbing by-law. The M.O.H. would like to see a by-law passed at an early date in order that such work could be kept under better control by the inspector.

During the year all public and separate schools were personally inspected by the M.O.H. and reports made on each school as per attached forms. In the newer schools, in a general way, there was little to object to. However, some of the older and smaller ones, required considerable improvement.

Dairy inspection was more vigorously carried on the past year than any time since the beginning of the war. Hundreds of samples of milk were taken to Dr. C. S. Tamlin, and tested for adulteration and bacteria. Several were prosecuted for selling milk below the standard called for in the by-law. The bacteria count varied very much; some were very good; some very bad. The Board of Health has asked for a city by-law giving the Veterinary Inspector power to forbid milk being sold in London which contains more than 100,000 bacteria per c.c. This means better milk for another year.

The conditions of restaurants in the city have greatly improved this year due to the vigorous and frequent inspections given same by Inspector R. H. Sanders and perhaps in a measure due to the regulations now before the City Council. The improvements extend from cellar to attic.

Just at present barber shops and butcher shops are receiving special attention. Mrs Patterson, our communicable disease nurse, has been kept busy and is doing good work.

The M. O. H. wishes to thank Mr. J. H. Saunders, Mrs. Partridge, Mr. Russell, and the secretary, Mr. Baker, for their support and suggestions during the year. I frequently called on the Chairman and Secretary for advice and suggestions. At all times they gave freely of their time and ability.

Your obedient servant,

W. S. DOWNHAM,

Medical Officer of Health.

London, Ontario, November 15th, 1920.

His Worship the Mayor, and Aldermen, of the City of London.

Gentlemen,—The Board of Health held seventeen meetings in 1920.

The report of the Chairman and the Medical Officer of Health will give details of work, and are submitted herewith.

The following is a statistical statement of the main activities, namely:

The Plumbing By-Law has been partially suspended. Number of permits issued 423; number of inspections made 706; fees received $1,137.55.

Over one hundred inspections of outside closets were made and several ordered closed. York, Glebe, Horn, Glasgow and Bathurst Streets sewers ordered constructed.

Influenza cases cost the Board over $3,000.

Venereal Diseases Clinics established.

The following inspections have been made: General sanitary 3,552; quarantined 290; dumps 123; fumigations 14; complaints 122; consumption visits 3,176; Public Health Nurse 735.

Butcher shops regularly inspected.

Water tests 74; milk tests 504 and 244 herds inspected.

Restaurant regulations revised.

The following cases of contagious diseases were reported and considered by the Board: Diphtheria 112; Scarlet Fever 65; Measles 124; Smallpox 6; Influenza 16; Typhoid 17; Chickenpox 58; Whooping Cough 79; Tuberculosis 49; Mumps 459; Gonorrhea 75; Syphilis 40.

Your obedient servant,

S. BAKER,

Secretary.

London, December 28, 1920.

Chairman and Members, Board of Health.

Gentlemen,—I beg leave to submit the following report for the year 1920, from January 1st, to November 30th, 1920:—

Permits issued	564
Permits cancelled	2
Total inspections	1,123

Fees collected for inspections	$1,282.25
56 copies by-laws sold	5.60
Journeymen plumbers who appeared before the examining Board numbered	14
Number passed and received certificate of qualification	9
Number who failed	5
Number registered and failed to present themselves	7
Master plumbers who appeared before the Board	11
Number passed and received certificate of qualification	10
Number who failed	1
Number registered and failed to appear	2

I found it very difficult at times to enforce the plumbing regulations that were given to me by the City Council on April 22nd, but I may say that the plumbers of the city have carried out the regulations very satisfactorily with a few exceptions.

I would urge the Board to recommend to the incoming Board to take immediate action to have the Plumbing By-Law, as amended by the Council, approved by the Provincial Board of Health, as soon as possible.

Respectfully,

JAS. C. YOUNG,

Plumbing Inspector.

London, Ontario, November 12th, 1920.

To His Worship the Mayor, and Members of the Council 1920.

Gentlemen,—I beg to submit my report as Chairman of the Board of Health for 1920, viz :

Plumbing

The Plumbing Inspector has done good work, and there have been valuable results secured. However, the Council has practically suspended the by-law, and much "go as you please" work is being done. This is unfortunate. The Board of Health is of opinion that the by-law should be revised removing any unnecessary restrictions, but retaining every regulation that will add to the sanitary condition of the City. Health laws are of greater importance than the tax-rate or popularity. The Board is desirous of co-operation with the members of the Council, and have at all times tendered their assistance. There is not, and should not be, any spirit of antagonism.

The plumbing inspection fees to October 31, 1920, amounted to $1,13 7.55.

Sewer System

The Board of Health has co-operated with the Board of Works in this matter. Outside closets are being looked after carefully, and over one hundred inspections made. Ratepayers failing to connect with the sanitary sewer system of the city, have been summoned to the Police Court, when they have made no reasonable effort to comply with the direction of the Board. Gradually, but, effectively, outside toilets are being removed. The Police Magistrate has been most reasonable in his decisions and deserves the thanks of the Board for his wise and helpful advice.

The Board ordered the construction of the York, Glebe, Horn, Glasgow and Bathurst Street Sanitary sewers where petitions could not be secured, and the Board after careful examination, were of the opinion that the sewers were necessary. The Board of Works at once ordered the construction of these sewers.

The Board most heartily approves of the proposed sanitary sewers for London West and the beginning of the improvement of low lying districts sanitation. The Board has considered the heavy expense connected with this work, but it must for obvious health reasons be done.

Cove Hospital

Fortunately Smallpox has not been any serious menace, and the expense in connection with this has been small.

The Influenza epidemic, while not so bad as last year, was important. The use of an Emergency Hospital at Victoria Hospital helped out, but the expense was $2,970.

Why should the Hospital Trust refuse to attend to influenza cases as a part of their duties. The Board of Health is not possessed of the necessary equipment for the operation of a Hospital, and have not the necessary expert administrative officials for management.

Venereal Diseases

The Board of Health met the Dominion and Provincial Government Officials respecting the establishment of a Venereal Diseases Clinic in connection with Victoria Hospital. It is the intention of the Provincial Government to assist Local Boards in establishing these special Clinics, and in minute No. 36 of the Board of Health the particulars are set forward fully. Pursuant to this agreement, the Board recommended that a Venereal Diseases Clinic be established in Victoria Hospital. Mr. Heard stated that the Hospital authorities had intended establishing twenty beds for indoor patients.

Miss MacVicar had recently been appointed to the position as Venereal Diseases Nurse at a salary of $1,200.00 per annum, $500 of the salary to be paid by the Provincial Government.

Sanitary Inspections

The Board of Health 1920, has been seriously handicapped in its work by reason of the indisposition of the Sanitary Inspectors. They have found it absolutely necessary to make the appointment of Mr. R. H. Sanders as Sanitary Inspector. Notwithstanding the difficulties, the officers had made 3,552 inspections; had quarantined 290 places; inspected 123 dumps; fumigated 14 places; investigated 122 complaints re insanitary conditions; had made 3,176 visits to homes infected with consumption, and the Public Health Nurse had made 735 visits and inspections. The Board recommends that the Board for 1921 should take steps to strengthen the Staff of Sanitary Inspectors.

Butcher Shops

Butcher shops of the City have been regularly inspected, and in two cases meat exposed for sale taken therefrom and destroyed and sanitary conditions ordered improved, and these orders were obeyed. There is but little if any Slink Veal sold in the city.

Water Examinations

The water supply of the City has been carefully watched and in most cases found satisfactory. The Board is of the opinion that greater care should be exercised in preventing contamination entering the ponds at Springbank. 74 tests had been made during the year, and reports submitted thereon to the Board.

Restaurants

There has been considerable interest in the question of sanitation of Restaurants. The Sanitary Inspector had been instructed to make regular and frequent visits to all restaurants and to demand compliance with sanitary regulations. Possibly, during the indisposition of the Sanitary Inspectors, this work was not as well attended to as it might have been. Your Board found conditions not so unsatisfactory as newspaper reports would lead one to imagine. However, that the public minds may be satisfied, the instructions of the Board have been formulated into a set of provisions which have been referred to the Council with a request that they will pass a by-law accordingly, and this matter is now under consideration by the Council.

Milk Inspections

Your Board, thanks to the energetic action of the Sanitary Inspector, Dr. Tamlin, has given careful attention to the milk supply of the City. The reports of the Sanitary Inspector as printed in full in the minutes of the Board show that the milk supply of the City of London is, on the whole, satisfactory. 504 milk samples were tested and 244 herds inspected. The milk by-law has been amended giving the Inspectors authority to prevent the sale of impure milk, if below the standard approved by the Board. The regulation of the milk supply coming from outside municipalities is by no means an easy matter. The by-law provides that all milk conveyed to the City by means of electric or steam railway shall be transported in sealed containers.

Officials

The thanks of the Board is due to the Medical Officer of Health, Sanitary Inspectors, the Veterinary Inspector and the Secretary for faithful and efficient services, and I have much pleasure in expressing my appreciation of the earnest, loyal and efficient co-operation of my colleagues on the Board of Health.

All of which is respectfully submitted.

J. H. SAUNDERS,
Chairman.

NIAGARA FALLS

Niagara Falls, Ontario, Dec. 27, 1920.

Annual Report Department of Health of the City of Niagara Falls for the Year 1920

Estimated Population	15,000
Number of births, including still-born	221
Number of deaths	414

This includes the number of births and deaths brought in from outside points, particularly the Township of Stamford and the Hydro Electric Power Works, who employ four thousand men and have numerous accidents.

Influenza

During the late winter and early spring we had considerable influenza, with sixteen (16) deaths, out of a possible two hundred (200) cases.

Scarlet Fever

No deaths have been reported in scarlet fever. We have had a number of cases, possibly twenty-five (25) in all.

Diphtheria

There were about twenty (20) cases of diphtheria, with four (4) deaths. This seems a high percentage, but when you consider the cause you will understand the high death rate. One of the parents, in one case, refused antitoxin, while the other three cases were seen by the physician very late in the disease. The Matron and nurses at the General Hospital all received immunizing doses. We had one nurse in training contract the disease and one graduate who was in attendance, also contracted diphtheria.

Smallpox

We had two cases of smallpox of a mild nature. These people were not inhabitants of Niagara Falls, but were traced to a distance considerably outside of the City.

Measles

No deaths have taken place from measles, or any of its complications. We had probably thirty (30) cases.

Pneumonia

During the year 1920 there were twenty-eight (28) deaths from this disease. In some of these cases death was caused by contracting influenza which resulted in pneumonia.

Typhoid Fever

Four (4) fatal cases of typhoid fever for the year. Three (3) of these were from outside points amongst the foreign element, while one, a Canadian, girl of fifteen contracted the disease apparently at home, as there were two (2) other cases in the same house. This girl died of tubercular meningitis. We had, in all, about eighteen (18) cases.

Venereal Diseases

In the present year there were forty-seven (47) cases reported. These were reported as follows:

In August—2, one gonorrhea and one syphilis.
September—7, six gonorrhea and one chanceroid.
October—16, fourteen gonorrhea and two of syphilis.
November—10, seven gonorrhea and three of syphilis.
December—12, seven gonorrhea, four syphilis and one chanceroid.

No cases were reported to me during the first seven months of the year. I had the Secretary of the Board write each physician in the city to remind him of his duty, consequently I have had fuller reports.

Licenses

We have in the Municipality of Niagara Falls nine (9) pool licenses and twenty (20) restaurants. These are all licensed each year and, by this means, we can investigate any complaints or irregularities.

The City, as yet, has only one (1) School Nurse, but it is the intention, I believe, of the School Board to appoint two (2) in 1921. The Township of Stamford will co-operate with the City to have the school nurses examine each school in the Township, which will be of great benefit to all concerned, each municipality paying pro rata.

I give also the report of the school nurse, Miss J. M. Allan, for the year 1920:—

	No. Cases
Inspections at schools (6)	29,565
Visits at homes	393
Tonsils and adenoids removed	30
Eyes fitted with glasses	43
Teeth pulled and treated	77
Treated for anemia	6
Treated for chorea	11
Defective hearing	2
Defective palate	2
Enlarged glands	5
Cardiac disease	1
Epilepsy	1
Acute Eczema	2

	No. Cases		No. Exposures
Scarlet Fever	20		22
Diphtheria	10		7
Measles	47		45
Mumps	30		26
Chickenpox	59		18
Whooping Cough	16		4
Acute Caryza	15		
Itch	11		
Ringworm	8		
Smallpox	3		3
Meningitis	3	(2 fatal)	
Tubercular Glands	1	(operated on)	

All these cases of exposure were excluded from school. Dental and medical inspection of schools would be a great advantage to pupils, teachers and parents.

(Signed) J. M. ALLAN.

Water

Our water supply in the City might be improved in some respects. Our chlorinating plant works wonders, but we need a filtration plant as well. We will never have good water until such a plant is installed, and now that dredging the Chippewa Creek will be carried out on a large scale by the Hydro Electric Power Commission, the chlorine in the water will have to be materially increased. One solution would be to remove the intake pipe in the river a considerable distance up; another would be the plan the Provincial Engineer is now working on, but some of the municipalities concerned object to the scheme. Perhaps, after the Hydro Canal is finished, some solution may present itself.

Milk

The milk in quantity and quality has been better during 1920 than heretofore and we have had fewer complaints. When all pasteurizing plants in the City have installed sterilizing machines, the bottles will be better taken care of. This will be absolutely necessary in the very near future. Each person who supplies milk in the City has a license, but, until the Council passes a by-law, there is no license imposed on the farmer who brings in the milk. This has often been recommended. The farm yards are frequently inspected by the milk inspector; the milk at the wagon is tested very often; and the Medical Health Officer and Board of Health also inspect the farm yards. These places have been greatly improved within the last two years.

There is only one proper means of supplying milk to any municipality and that is—certi-

fied milk, but this would come so costly that only a very few could afford it. This could be more easily reached if the Dominion Government would insist on applying the tubercular test to milch cows and exclude those which react. Possibly one-third of those now supplying milk would be removed from the herd.

All of which is respectfully submitted.

H. LOGAN, *M. O. H.*

PETERBOROUGH

Peterborough, Ont., Nov. 30, 1920.

To the Board of Health of the City of Peterborough.

Mr. Chairman and Gentlemen,—Herein is submitted the annual report of the M.O.H. of this city according to By-Law to. 2294.

The water of the City is much improved and now requires less chlorination.

There have been many complaints re garbage and scavenger, i.e. 670 and 350 respectively.

It will be necessary to extend sewer in some parts of the City, also water service.

Efforts are being taken to eliminate the odours emanating from certain factories, and successfully so.

The number of contagious and infectious cases during the year, is as follows:—

Diphtheria 25, Scarlet Fever 9, Measles 148, Smallpox 83, Typhoid 3.

At present there are six cases in the Isolation Hospital, as follows:—

Diphtheria 3, Measles 1, Scarlet Fever 2.

The General Health of the City is good.

I have the honour to be, gentlemen,

Your obedient servant,

(Sgd.) T. W. H. YOUNG,

M.O.H., City of Peterborough.

Health Department

Peterborough, Ont., December 2nd, 1920.

Sanitary Inspector's Report

To Dr. T. W. H. Young, Medical Officer of Health, City of Peterborough, Ontario.

Dear Sir,—I have the honour to submit my fourth annual report for your consideration.

I regret to report that I have received double the amount of complaints re garbage and scavenger complaints than any previous year which has given me a great deal more work. I still find a number of earth closets in bad condition—have notified landlords of conditions of closets, some of them are very reluctant to make improvements. Some landlords I have had to summon to Police Court. I still find some people will not get proper receptacles; this gives the garbage men extra work.

The following list of complaints will give you some idea of the work being done by the Sanitary Inspector:—

Garbage Complaints	670
Scavenger Complaints	350
Slaughter Houses	21
Insp. Cow. Byres	100
Insp. Milk Vendors	25
Milk Tests	203
Insp. Butcher Shops	20
Dead Animals	11
Stables Inspection	24
Removing Hen Coops	9
Insp. Hotels	6
Insp. Boarding Houses	10
Bread Wagons open in front	10
Insp. Bakeries	12
Notices Served	176
Cesspools	1

Insp. Houses and Cellars	18
Police Court Cases	4
Insp. Yards and Lanes	237
Insp. all Laundries twice.	
Insp. Factories	3
Insp. all Fruit and Fish stores twice.	
Insp. Inverlea Park Dressing rooms	1
Diphtheria cases	25
Scarlet Fever Cases	9
Measles Cases	148
Smallpox Cases	83
Typhoid Cases	3
Boarders living in Quarantine Houses, to M. O. H.	13
Disinfected Houses	10

I would also like to say a few words of appreciation of the assistance given me by Mr. F. W. Miller, Relief Officer, both in the office and in the investigation of complaints.

All of which is respectfully submitted.

(Sgd.) C. S. STAPLETON,

Sanitary Inspector, City of Peterborough.

PORT ARTHUR

Port Arthur, Ont., December 17, 1920.

Mr. E. J. B. Dobie, Chairman of Board of Health, City.

Dear Sir,—I beg to submit my Annual Report for the year ending October 31st, 1920.

Early in the year we had a number of cases of Scarlet Fever and Chickenpox, with several deaths from the Scarlet Fever. In April and May, and June, there was a considerable outbreak of Measles, also in May and June we had a number of cases of Smallpox, the heaviest outbreak we have had for years. I am pleased to be able to say though, without deaths.

There were three cases of Typhoid treated in the city hospitals, one from Port Arthur, one from Nolalu, and one from Winnipeg, with one death; the patient from Nolalu. Just one case from the city is a record of which we may well be proud, when we consider the serious outbreak of several years ago.

It is also gratifying to be able to state that our Isolation Hospital has not had a patient for some weeks this Fall. At present we have not a case of Measles in the city, and only four cases of Scarlet Fever. In fact the city is almost free from contagious diseases at present.

I examined nine insane persons in the gaol for the Police Magistrate. I attended eleven charity patients in the hospitals, nineteen in my office, six in their homes, and ten in the Isolation Hospital.

I have attended the children in the Children's Shelter where we nearly always have patients as most of the children are from homes and surroundings where they receive little or no care.

We had eight cases of tuberculosis reported with eighteen deaths. I am certain there is a laxity in reporting these cases, but one reason the number of deaths is greater than the cases reported is because the deaths from the surrounding townships are registered in our city, and come into our death returns, although no city doctor may have seen the case. Among the foreign population, I find that tuberculosis is looked upon as hopeless, and medical aid is, often, not called.

We have one nurse constantly engaged in school work, she visits each school in the city weekly, follows all children absent over two days to their homes to find out the reason for their absence. She insists on seeing the children themselves and thus sometimes discovers children suffering from contagious diseases, which have not been reported. These cases are reported to me, and I visit and quarantine them. I also visit the schools occasionally to inspect the general conditions.

Last winter on account of the large number of Scarlet Fever or Chickenpox cases, I engaged the services of a second nurse until the summer holidays, since when we have our regular nurse on duty. As there are seven Public Schools and three Separate Schools to be visited weekly, our nurse is kept very busy, and I think the Board shall have to employ another regular nurse, although the almost perfect state of the health of the children at present speaks well for the efficient care given by our present nurse.

I have been called to the Police Station several times during the year to attend prisoners, who were ill or hurt. I have also attended eight patients in the Fire Halls, for the city.

With the Inspector, I visited the following dairies:—

Ben Thomas	McIntyre Township.
S. Kuiskilla	McIntyre Township.
E. Bailey	Oliver Road.
R. Lewtas	Oliver Road.
E. Ross	Oliver Road.
F. Paquette	Dawson Road.
F. Laurin & Son	Dawson Road.
Canadian Dairy	Pearl St.

We have special report forms so as to keep a complete record of each dairy, as to the number of cattle, style of buildings, condition in which buildings and utensils are kept, and all complaints against the dairy. The record of the samples of milk collected. The water supply, etc.

The Sanitary Inspector collects samples of milk from the wagons of the different dealers on the streets and brings them to my office for inspection.

We have also collected some samples of water from the taps and intake to send to the Provincial Laboratory at Fort William. I am glad to be able to state they have all been perfectly good.

I attended the Annual Meeting of Officers of Health at Toronto, in May last. There was a large attendance and much interest shown in the papers discussed. These meetings have certainly been of great benefit to the Province generally, as regards the condition of the Public Health.

Vital Statistics

Estimated Population	15,200
Births—Males 286, Females 248	534
Deaths	322
Death rate per thousand	21.18
Birth rate per thousand	35.79

Causes of Deaths

Stillborn and premature births	62	Found dead	2
Accidental	16	Tuberculosis	18
Scarlet Fever	7	Diphtheria	2
Typhoid Fever	1	Bronchitis and Pneumonia	47
Measles	2	Cancer	11
Influenza	43	Apoplexy	14
Heart Disease	13	Malnutrition	3
Rheumatism	3	Diabetes	1
Gastritis	1	Indigestion and Cholera Infantum	23
Puerperal and Septicaemia	8	Appendicitis and Peritonitis	5
Cirrhosis of Liver	1	Sclerosis	7
Paralysis	1	Bright's Disease	6
Erysipelas	3	Laryngitis	1
Salpingitis	1	Old Age	1
Pernicious Anaemia	3	Senility	4
Meningitis	4	Haemorrhage	2
Collapse during operation	2	Gangrene	1
Rickets	1	Hodgkins Disease	2

Deaths by Years to Ten Years

Under one year, including still born and premature	88
One to two years	8
Two to five years	7
Five to ten years	10

Contagious Diseases for the Year

	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Scarlet Fever	10	10	10	25	16	9	10	3	2	3	1	2
Chickenpox	33	6	14	2	1	4	4					3
Diphtheria	1				1	2			1	1	1	
Black Cards	4	3										
Influenza	1			3		1		1				
Measles		2			1	40	178	101	19	3	4	5
Erysipelas		1	2									1
Tuberculosis			1	1		1	1	1	2		1	
Whooping Cough				2	1		1	1				
Smallpox					2		26	16	4		2	
Typhoid Fever								1	1		1	

Total Number of Diseases for Year

	Cases	Deaths
Scarlet Fever	101	7
Chickenpox	67	....
Tuberculosis	8	18
Black S. Cards	7	....
Spanish Flu	6	....
Measles	354	....
Diphtheria	14	2
Erysipelas	4	....
Whooping Cough	5	....
Smallpox	54	....
Typhoid Fever	3	1

Contagious Diseases

Scarlet Fever

Year	Cases	Deaths
1915	62	0
1916	2	0
1917	8	0
1918	66	3
1919	115	3
1920	101	7

Diphtheria

1915	3	0
1916	4	0
1917	5	0
1918	16	1
1919	4	1
1920	14	2

Measles

1915	6	0
1916	64	0
1917	318	0
1918	6	0
1919	12	0
1920	354	0

Whooping Cough

1915	6	0
1916	44	2
1917	6	2

1918	58	3
1919	1	0
1920	5	0

Paralysis

1916	2	1
1917	0	0
1918	0	0
1919	0	0
1920	1	0

Typhoid

1915	13	1
1916	11	3
1917	2	1
1918	5	1
1919	4	0
1920	3	1

Spanish Influenza

1918	183	25
1919	587	40
1920	6	0

Isolation Hospital

We treated seventy-one patients in the hospital during the year:

Scarlet Fever	59
Smallpox	9
Diphtheria	1
Measles	1
Chickenpox	1

The total number of nursing days being 2348.

We distributed the following quantities of antitoxin and vaccine received from the Provincial Board of Health:

Diphtheria Antitoxin	18- 5,000 units.
Diphtheria Antitoxin	14-10,000 units.
Diphtheria Antitoxin	22- 2,000 units.
Cerebro Spinal Meningitis Serum	9
Silver Nitrate Solution	4 doz.
Smallpox Vaccine	6 doz.
Culture Tubes	8 doz.
Diphtheria Swabs	12 Doz.

School Nurse's Report

From October 31st, 1919, to Nov. 1st, 1920.

November 1919	Visited 198 Absentees. Examined 938 pupils.
December, 1919	Visited 200 Absentees. Examined
January, 1920	Visited 317 Absentees. Examined 51 pupils.
February, 1920	Visited 181 Absentees. Examined 641 pupils.
March, 1920	Visited 164 Absentees. Examined 92 Pupils.

April, 1920	Visited 176 Absentees. Examined 38 Pupils.
May, 1920	Visited 236 Absentees. Examined 827 Pupils.
June, 1920	Visited 210 Absentees. Examined 209 Pupils.
July, 1920—August, 1920	OFF DUTY.
September, 1920	Visited 50 Absentees. Examined 80 Pupils.
October, 1920	Visited 73 Absentees. Examined 1611 Pupils.

Financial Statement

Salaries	$ 9,774.46
Public Utilities	417.13
Engineer Suspense	100.63
Team Expense	200.55
Extra Nurses	390.00
Smallpox at Kimberly Hotel	440.00
Relief	218.00
Daily News Co.	84.93
Isolation Hospital	3,984.73
Board Account Sundries	180.55
	$15,791.88

Credits

Collections	$111.00	
Board of Education	375.00	
Separate School Board	75.00	
		$ 561.00
Net		$15,230.88

I have the honour to be, sir,

Your obedient servant,

C. N. LAURIE,

Medical Officer of Health.

STRATFORD

Stratford, Ont., December 11, 1920.

To the Chairman and Members of the Local Board of Health.

Gentlemen,—It is my privilege and honour again to present to you a report of the sanitary condition of the city during the past year. On the whole it has been remarkably good as reported from the City Clerk's office.

Vital statistics for the year were: births 500, marriages 195, and deaths 222. I find, of the number of deaths, there were 39 who had reached the three score and ten or over, the following being the ages and causes of deaths of these. Age 65 years, heart disease; 65 years fractured skull; 61 years, carcinoma; 63, cancer of stomach; 62 years, heart failure; 66 years, diabetes; 63 years, pneumonia; 67 years, heart disease; 69 years, heart disease; 63 years, enlarged prostate; 66 years, pneumonia and nephritis; 63 years, myelitis; 61 years, myocarditis; 69 years, exposure; 62 years, paralysis; 63 years, bronchitis; 67 years, heart failure; 60 years, cancer; 67 years, acute indigestion; 66 years, encephalitis; 62 years, nephritis; 64 years, cancer of breast; 67 years, cancer; 63 years, heart disease; 60 years, cancer of liver; 64 years, gunshot wound in head; 68 years, tumour of liver.

You will observe that between the ages of 60 and 70 years, the chief causes of death are due to heart disease, disease of kidneys and cancer. Quite a remarkable showing.

Over seventy years the causes of deaths and ages were as follows: Apoplexy, age 76; Bright's Disease, age 71; senility age 96; blood infection and senility, age 83; apoplexy 82; bronchitis age 70; paralysis age 72; bronchitis and pneumonia age 77; apoplexy age 76; senility age 90; pneumonia 82; senility age 87; senile debility age 83; cancer age 80; old age 99 years; erysipelas age 78; heart disease age 82; senile debility 96 years; heart failure 86 years; pneumonia 72 years; la grippe 75 years; intestinal obstruction 76 years; senility 75 years; influenza 72 years; cerebral hemmorhage 73 years; age and bronchitis 90 years; grippe 78 years; old age 95 years; cancer of rectum 87 years; general breakdown 79 years; senility 85 years; senile debility 80 years; apoplexy 75 years; senility 83 years; old age 83 years; tumour in stomach 87 years; heart disease 74 years; old age 83 years; tumour in stomach 87 years; heart disease 74 years; carcinoma of kidney 78 years; senility 98 years; cerebral hemmorhage 78 years; myocarditis 82 years; old age 86 years; cancer of prostate 83 years; old age 90 years; paresis 80 years; rheumatism 72 years; senility 71 years; senility 97 years.

From childhood up to 60 years deaths were due to different causes. I find there were 30 cases of still and premature births, over ten per cent. of the entire number of deaths, and am unable to explain the reason of such a percentage.

We have reason for congratulation in connection with the preventible diseases. There were in all 144 cases reported with only two deaths.

Your Board and especially your Chairman has taken a special interest in endeavoring to establish a much needed Isolation Hospital. Different places were visited in conjunction with the Hospital Trust, with a view to ascertaining the workings of the institutions, the different plans and procuring plans for such as might be beneficial. It is to be hoped when the unrestful conditions of the times aright themselves, we may be able to carry out successfully our desired object.

Another progressive scheme is the endeavour to procure a "laboratory" for the city. This, if it can be financed, is a step in the right direction. You have already heard of its workings from our District Medical Officer, Dr. Wodehouse, so that I leave it with you and him to further decide its merits.

We had an outbreak of smallpox during the beginning of the year, which caused your officers a great deal of worry and anxiety as well as exposure, but by proper manipulation it was finally overcome. One death resulted therefrom. There was also an outbreak of measles and scarlet fever, but no deaths. There were fifteen cases of diphtheria with one death. Taking into consideration our population, we have reason to be thankful for the report of preventible diseases.

The members of the Board are to be congratulated upon their attendance at the meetings.

Respectfully submitted,

(Signed) J. A. ROBERTSON,

M. O. H.

Stratford, Ont., Dec. 11, 1920.

To the Chairman and Members of The Board of Health.

Gentlemen,—I beg to submit a report of some of the work of this Department for the past year.

The City has been thoroughly inspected as to sanitary conditions several times during the year and notices sent to all parties not observing sanitary regulations. Have inspected restaurants, fruit stores, groceries, bakeshops and butcher shops, also fish stores and all places where human food is dealt out, and usually found them in satisfactory condition. Inspected the livery and feed stables many times during the year, also private stables. I found in most cases they are well kept. Gave twelve permits to erect new stables, found a number of henhouses not properly cleaned; also a few pigpens. In each case when notice was given, they complied with the regulations. I had many complaints come in during the year from different parts of the city—many of which were not well founded. In every case I looked into them, and where there was just grievance I had same adjusted. Had twelve dogs removed off the street which had been killed by autos.

We had 107 outside vaults abolished and modern improvements installed. Inspected the laundries frequently. There are great improvements in the sanitary conditions of those places. We have still a few tenement buildings that need remodelling so as to make them fit for habitation.

Building Inspector Dixon accompanied me to a number of houses where there was defective plumbing, and gave me great assistance in enforcing the changes necessary to put such houses in sanitary condition. I have some difficulty still in getting householders to get the necessary garbage cans. I hope in the near future that all householders will supply themselves with the necessary garbage and ash cans according to by-law. Almost every day during the summer I have made sanitary inspections in some part of the city, and am pleased to say that

conditions are improving as people are becoming more alive to the fact that the health of themselves and their neighbours depends on the care they take of their premises and the disposal of all refuse. In the matter of milk supply, I made many tests during the summer of samples taken from the various milk vendors and found them up to the standard. Also in company with the M. O. H. inspected the dairies and found the stables and milk cooling places in satisfactory condition. Many of the dairy men are still delivering their milk unbottled. I am of the impression that it would be more sanitary if delivered in bottles which had been properly sterilized.

During the year 144 cases of contagious disease were reported, and were as follows:

	Cases	Deaths
Diphtheria	15	1
Scarlet Fever	15	0
Measles	34	0
Mumps	4	0
Tuberculosis	3	3
Spinal Meningitis	1	0
Smallpox	61	1
Chickenpox	10	0

I used every precaution in my power to prevent the spread of disease and carried out the regulations of the Provincial Board of Health in regard to quarantining and disinfecting.

Miss Loney, our very efficient school nurse, reported a number of suspected cases of infectious diseases among the school children. The M. O. H. immediately investigated and thus prevented the spread of disease among the children.

I wish to acknowledge the help in my work I often received during the year, from our genial and energetic chairman.

Gentlemen, hoping that this report may meet with your approval, I have the honor to be,

Your faithful servant,

(Signed) THOS. DUNSEITH,

Sanitary Inspector.

ST. CATHARINES

St. Catharines, Ont., November 15th, 1920.

To the Chairman and Members of the Local Board of Health, of the City of St. Catharines.

Gentlemen,—I herewith submit my Annual Report from November 15th, 1919, to November 15th, 1920, inclusive.

Milk

There have been very few complaints about the milk this year and since monthly reports have been published in the paper, the milk supplied to the citizens has conformed more closely to the By-Law than ever before.

Garbage

Although there was a determined effort made by YOUR BOARD to have the citizens use a tightly covered metal receptacle, many have not purchased them. To keep down the fly scourge this is absolutely necessary.

Infectious Disease

Total number reported 1,367.

	No.	No. of Deaths
Scarlet Fever	32	0
Measles	150	0
Chickenpox	16	0
Whooping Cough	4	0
Typhoid Fever	8	3

Smallpox	65	0
Diphtheria	141	10
Mumps	40	0
Tuberculosis	16	16
Influenza	876	12
Venereal Disease	19	3
	1367	44

On investigation it was found that all Typhoid Fever cases were contracted outside the city.

Reporting of Diseases

It would appear that the physicians are not reporting Tuberculosis or Venereal Diseases, and some action shoud be taken to make this compulsory. I see no reason why every case should not be reported.

Flies

The citizens should know that the attic is a favorite place for flies to live during the winter, and if these were brushed off the ceiling now, it might save us considerable trouble next summer.

Sewers

Practically all streets are now sewered and this should help us greatly in doing away with the unsanitary and unsightly outside toilets.

Isolation Hospital

Many improvements have been made to the Isolation Hospital building, and while these will help greatly, still I do not feel that the present building is at all suitable for the work.

The matron has done her work in a very able manner. She is always obliging and very conscientious. Mr. Murray has looked after the ambulance calls very promptly.

During the winter months Lincoln Avenue must be kept open in order to allow the ambulance to reach the Isolation Hospital. The roadway from the N.S. & T. Railway tracks to the hospital door needs repairing as in the spring the mud is so deep that the motors cannot get through.

Market

There should be a much stricter inspection of meat exposed for sale on the market. During the summer the Sanitary Inspector as far as possible made all farmers keep the meat out of the sun and free from flies. I am firmly convinced that much of the meat would not be allowed to be sold, if properly inspected.

Public Health Nurse

The result of the work of the Public Health Nurse can be seen from the fact that practically no children died during this year from summer Diarrhoea. Miss Reid has done remarkably fine work, and is busy all the time. It seems to me that her work could be much more efficiently done if the Board of Health supplied a motor car for her use. The total number of calls she made during the year was 2,135, over 900 of these being made for Infant Welfare Work.

All of which is respectfully submitted.

D. V. CURREY,

Medical Officer of Health.

St. Catharines, November 15th, 1920.

To Chairman and Members of Board of Health.

Gentlemen,—Following is a report of work done by Sanitary Inspector for year, ending November 15th, 1920.

Total Number of Inspections	1454
Inspection of Privy Vaults	22
Inspection Unsanitary Houses and Premises	41

Inspection Overcrowded Houses	4
Inspection Laundries	20
Inspection Restaurants	30
Inspection Market	35
Inspection Junk Shops	22
Inspection Water on Lots	8
Inspection Water in Cellars	4
Inspection Offensive Odour and Blocked Sewers	17
Inspection Chickens on Premises	7
Inspection Hogs on Premises	12
Inspection Stables	10
Inspection Garbage Dumps	8
Inspection Dairies	40
Inspection Garbage Complaints	11
Inspection Regarding Relief Wanted	40
Inspection Regarding Relief Supplied	51
Notices served to provide Manure Receptacles	16
Notices served to dispose of Outside Toilets	10
Notices served to dispose of nuisances	29
Number of Animals Collected and Buried	200
Number of Unfounded Complaints	4

Quarantine and Disinfection

Number of Houses Placarded for Contagious Disease	331
Number of Houses Fumigated for Contagious Disease	342
Number of Houses Visited for Contagious Disease	30
Number Milk Samples tested for Sediment, Butter Fat, and Temp...	110
	1454

All of which is respectfully submitted.

RICHARD BONHAM,

Sanitary Inspector.

St. Catharines, Ont., November 15th, 1920.

To the Chairman and Members of the Local Board of Health, of the City of St. Catharines.

Gentlemen,—I herewith submit my Annual Report from November 15th, 1919, to November 15th, 1920, inclusive.

Attached to this report is a list of deaths and their causes during the year, also a summary of their ages at the time of death.

I also submit a list of diseases classed as contagious as reported by the Medical Practitioners of the city, numbering 1,367 cases and 44 deaths.

The population as returned by the Assessment Commissioner for 1920, is 19,860.

The Sewer System has been further extended and a large number of sewer connections have been made. The city now has a good Sewerage System in nearly every portion of the city, which all helps to improve the health of the citizens.

All of which is respectfully submitted.

J. ALBERT PAY,

Secretary, Local Board of Health.

Births reported from November 15th, 1919 to November 15th, 1920:

Males	Females	Total
364	361	725

Increase of 180 over 1919.
Marriages 295, an increase of 82 over 1919.
Deaths 344, an increase of 26 over 1919.

Contagious Diseases Reported

	Cases	Deaths
Scarlet Fever	32	0
Measles	150	0
Smallpox	65	0

Diphtheria	141	10
Mumps	40	0
Chickenpox	16	0
Whooping Cough	4	0
Tuberculosis	16	16
Typhoid Fever	8	3
Influenza	876	12
Venereal Diseases	19	3
	1367	44

Number of Deaths and Causes From November 15th, 1919 to November 15th, 1920

Apoplexy	12	Infantile Paralysis	1
Abscess	3	Intra Abdominal Neoplasm	1
Accident	5	Inanition	3
Asthma	3	Ileo Ceolitis	1
Appendicitis	5	Int. Auto Intoxication	1
Angina Pectoris	1	Jaundice	2
Atitictosis	1	La Grippe	1
Arterio Selerosis	3	Marasmus	6
Bronchitis	6	Meningitis	5
Bright's Disease	4	Myocarditis	6
Cardiac Failure	6	Nephritis	5
Cellulitis	1	Natural Causes	4
Convulsions	7	Non Assimilation Food	1
Cancer	4	Old Age	13
Cleft Palate	1	Obstruction of Bowels	2
Conjenital Defects	1	Peritonitis	4
Choleystitis	1	Parapligia	1
Congestion of Lungs	1	Poison	4
Carcinoma	5	Premature Birth	21
Diabitis	4	Pneumonia	31
Dislocation of Vertebrae	1	Prostrate Gland	1
Dropped Dead	1	Paresis	1
Diarrhoea	3	Pulmonary Embolitis	2
Diphtheria	10	Paralysis	1
Epilepsy	2	Prolonged Labour	1
Electrocuted	3	Still born	35
Endocarditis	5	Sarcoma	2
Found Dead	1	Septicaemia	2
Fracture of Skull	3	Suicide	1
Gun Wounds	2	Syphilis	2
Gonorrhoea	1	Toxaemia	4
Gastric Ulcer	2	Tuberculosis	16
Goitre	1	Tumour	1
Gastritis	3	Typhoid Fever	4
Hemorrhage	6	Tonsolitis	4
Heart Disease	22	Uraemia	1
Hepalitis	1	Hernia	1
Influenza	12		
Indigestion	2	Total	344

Ages at Time of Death

Stillborn and Premature Births	56
From Birth to 6 Months	38
From 6 Months to 1 Year	7
From 1 Year to 2 Years	9
From 2 Years to 5 Years	8
From 5 Years to 10 Years	7
From 10 Years to 15 Years	10
From 15 Years to 20 Years	6
From 20 Years to 25 Years	11
From 25 Years to 30 Years	17
From 30 Years to 35 Years	16
From 35 Years to 40 Years	18
From 40 Years to 45 Years	17
From 45 Years to 50 Years	15

From 50 Years to 55 Years	9
From 55 Years to 60 Years	12
From 60 Years to 65 Years	14
From 65 Years to 70 Years	16
From 70 Years to 75 Years	16
From 75 Years to 80 Years	14
From 80 Years to 85 Years	15
From 85 Years to 90 Years	6
From 90 Years to 95 Years	5
From 95 Years to 100 Years	2
	344

Public Health Nurse's Annual Report

November 15th, 1919 to November 15th, 1920

Month	Infant Welfare	Prenatal	Tubercular	Sickness	Miscellaneous	Inspection	Influenza	Child Welfare	Dressings	Mothers' Meetings	Operations	Emergencies	Total
November	34	10	2	55	196	6	.....	.....	.....	.....	.....	.....	303
December	45	7	2	15	119	16	.....	.....	.....	.....	.....	.....	204
1920													
January	55	4	.....	31	52	.....	.....	.....	.....	.....	.....	.....	142
February	29	5	.....	12	52	.....	112	.....	.....	.....	.....	.....	210
March	105	4	.....	07	54	03	51	.....	.....	.....	.....	.....	224
April	96	7	3	30	26	.....	.....	15	.....	.....	.....	.....	179
May	86	4	4	19	47	3	.....	13	9	3	2	.....	190
June	129	3	.....	12	29	1	.....	7	.....	7	.....	.....	188
July	122	5	.....	9	19	1	.....	11	.....	5	.....	2	164
August	24	1	.....	1	7	.....	.....	.....	.....	.....	.....	.....	33
September	40	4	1	6	11	1	.....	6	.....	1	.....	.....	70
October	87	9	4	13	16	.....	.....	13	3	5	.....	.....	150
November	56	3	3	.....	9	.....	.....	2	2	3	.....	.....	78
Totals	900	66	19	210	637	31	163	67	14	24	2	2	2135

(Sgd.) MISS MAUDE READ,
Civic Nurse.

WELLAND

Welland, Ont., December 1, 1920.

The Mayor and Council, Welland, Ont.

Gentlemen,—I beg leave to submit my annual report for the year 1920.

During the first ten months of the year there were 107 deaths, which includes all deaths occurring at the Hospital, many of whom were from outside points. This gives a death rate of about 13 per 1000, which is certainly a low death rate when we take into consideration the fact that epidemic diseases have been unusually prevalent throughout the whole Province, during the year.

In the month of February, influenza in a milder type than that occurring two years ago, was prevalent and caused 10 deaths. A widespread epidemic of measles occurred during the spring and early summer, 196 cases were reported to me, and I have no doubt many cases were not reported, as frequently no physician was called in attendance. Two deaths resulted from this disease.

There was one case of smallpox with recovery. 23 cases of scarlet fever were reported, with no deaths. 8 cases of diphtheria, with one death.

It is gratifying to be able to report that the city has been practically free from Typhoid Fever during the year. This is undoubtedly due to the efficient chlorination of the water as the canal water always shows intestinal bacteria. It is a matter of regret that the citizens

of Welland have such a poor quality of water for drinking purposes. The water in the canal is rendered so turbid and muddy by the passage of boats and the discharge of sewerage in the water by the boats, that the taste and appearance is not inviting. It is absolutely necessary to add considerable chlorine in order to render it safe. If the water were filtered, much less chlorine would be required. The only remedy is the projected pipe line and the Government should be urged to proceed with its construction without delay.

It is a matter of regret that our deathrate among infants under one year is still too high. Over thirty deaths being recorded for the ten months of the year. This is a deathrate of about 170 for each 1000 births. The remedy for this is the establishment of a baby clinic, and the appointment of a public health nurse, to instruct mothers in the proper care and feeding of infants. The Provincial Board have this year arranged for the appointment of District Health Nurses, whose duty is to organize the work of Public Health Nursing in the different cities and towns of the district. I trust that the citizens will interest themselves in the work of organizing and assisting in the work of baby welfare, and that the council will provide the necessary funds for carrying out the project. I am arranging with the Provincial Board to have the matter taken up in Welland as soon as possible, and hope that something may be done early next year.

The physicians of the city very generously joined with me in making a medical inspection of the school children free of charge this year. The result showed that a large number of the children were laboring under defects such as diseased tonsils, defects of sight and hearing, etc., preventing their proper physical and mental development. Cards were sent to the parents pointing out their defects and advising them to consult their physicians regarding them. I regret to say that from information furnished me by the school nurse in a large percentage of cases no action has been taken, towards remedying these defects. Where the question of expense stands in the way, arrangements should be made, so that the proper treatment may be available at the Hospital at the expense of the corporation as provided in the Public Health Act. No boy or girl should be handicapped by conditions preventing their proper physical and mental development which can be removed by proper treatment.

In the performance of my duties as Medical Officer of Health, I wish to acknowledge the assistance and hearty co-operation of the members of the Board of Health, and Mr. Geo. Lee, the Sanitary Inspector.

I have the honour to be,

Your obedient servant,

J. H. HOWELL,
M. O. H.

ESSEX BORDER MUNICIPALITIES

To the Chairman and Members of the Local Board of Health for the Essex Border Municipalities.

Gentlemen,—I beg to submit herewith my annual report for the calendar year of 1920. For the sake of brevity, work done has been reduced to tables as far as possible.

Section I.

Vital Statistics

The vital statistics which follow are for the urban municipalities of Ford, Walkerville, Windsor and Sandwich only. These municipalities represent between 90 and 95% of the population under the jurisdiction of the Local Board of Health, and it is believed that the figures presented will give a fair picture of the whole area.

In compiling the vital statistics which follow, the rule has been adopted to assign all births and deaths to the municipality in which the persons concerned habitually resided. This is necessary for the reason that the only two hospitals in Essex County are in Windsor, and as a result, many deaths and many births are registered in Windsor which do not properly belong there. Such registrations have been distributed to the proper municipalities. Certain deaths and births have been thrown out of the figures completely because the persons concerned were not residents of the Border municipalities at all. In a number of cases it was found that a single death had been registered in two different municipalities. Such errors have, of course, been corrected. Violent deaths as from automobile accidents, drinking wood alcohol, etc., have been assigned to the municipality in which the violence or the drinking of the poison occurred, irrespective of the customary place of residence of the person concerned.

Tables are submitted showing death rates with and without Influenza, because this disease only comes occasionally in the fatal epidemic form which swept the Border Cities in the early months of 1920.

The population figures shown were obtained from the various municipal officials.

Table I.

Deaths, 1920

	All Four Municipalities	Ford	Walkerville	Windsor	Sandwich
Population	53,292	4500	7469	37,170	4153
Deaths (exclusive of still-births)	753	62	86	528	77
Death rate per 1000 population	14.12	13.77	11.51	14.21	18.53
Deaths excluding Influenza	641	58	67	453	63
Death rate without Influenza per 1000 of population	12.02	12.88	8.97	12.18	15.17

Table II.

	All Four Municipalities	Ford	Walkerville	Windsor	Sandwich
Population	53,292	4500	7469	37,170	4153
Births (exclusive of still births)	1,534	143	207	1,051	133
Birth rate per 1000 of population	29	32	28	28	23

Table III.

Natural Increase 1920

	All Four Municipalities	Ford	Walkerville	Windsor	Sandwich
Births (exclusive of still births)	1534	143	207	1051	133
Deaths (exclusive of still births)	753	62	86	528	77
Natural Increase	781	81	121	523	56

Table IV.

Causes of Death 1920 (*International Classification*)

International List Number	Disease	Total	Number of Deaths Ford	W'ville	Windsor	S'wich
1	Typhoid Fever	5	1	2	1	1
6	Measles	15	3	2	7	3
7	Scarlet Fever	10	2	1	3	4
8	Whooping Cough	5	1	1	2	1
9	Diphtheria	6	1	1	4	0
10	Influenza	112	4	19	75	14
18	Erysipelas	2	0	1	1	0
20	Septicaemia	11	1	1	8	1
28	Tuberculosis of lungs	32	4	2	23	3
29	Miliary Tuberculosis	1	0	0	1	0
30	Tubercular Meningitis	1	0	0	1	0
31	Tubercular Peritonitis	1	0	0	1	0
36	Rickets	1	0	0	1	0
39	Cancer of tongue	2	0	0	2	0
40	Cancer of Stomach and Liver	12	0	1	11	0
41	Cancer of Intestines	5	0	1	4	0
42	Cancer of Uterus	4	0	0	4	0
43	Cancer of Breast	1	0	0	1	0
45	Cancer of Other Organs	9	0	2	7	0
46	Tumour of brain	1	1	0	0	0

47 Acute Articular Rheumatism	5	1	2	2	0
48 Arthritis Deformans	1	0	0	0	1
50 Diabetes	4	0	0	4	0
51 Exophthalmic Goitre	1	0	0	1	0
52 Addison's Disease	1	0	0	1	0
54 Pernicious Anemia	6	0	1	5	0
56 Acute Alcoholism	1	0	0	1	0
61 Meningitis	5	0	0	5	0
63 Infantile Paralysis	1	1	0	0	0
64 Apoplexy	24	1	2	15	6
66 Paralysis	2	0	0	2	0
68 Insanity	1	0	0	0	1
69 Epilepsy	1	0	0	1	0
71 Convulsions of Infants	2	1	0	1	0
72 St. Vitus Dance (Chorea)	1	0	0	1	0
76 Otitis Media	1	0	0	1	0
78 Acute Encocarditis	1	0	0	1	0
79 Organic Diseases of the Heart	50	4	5	35	6
80 Angina Pectoris	4	0	0	3	1
81 Arterio Schlerosis	16	0	2	14	0
82 Embolism and Thrombosis	5	0	1	3	1
83 Phlebitis	1	0	1	0	0
89 Acute Bronchitis	1	0	0	1	0
90 Chronic Bronchitis	3	0	0	3	0
91 Broncho-pneumonia	38	9	3	25	1
92 Lobar Pneumonia	51	4	8	36	3
93 Pleurisy	1	0	0	0	1
96 Asthma	5	1	0	4	0
102 Ulcer of Stomach (two years)	1	1	0	0	0
104 Diarrhoea and Enteritis (under 7)	37	6	0	25	6
105 Diarrhoea and Enteritis, over 2 yrs.	7	2	2	3	0
108 Appendicitis	8	1	0	6	1
109 Intestinal Obstruction	4	0	2	2	0
111 Acute yellow atrophy of liver	1	0	0	1	0
113 Girrhosis of liver	2	0	0	2	0
114 Gall Stones	1	0	0	1	0
117 Peritonitis (non-puerperal)	1	0	0	1	0
119 Acute nephritis	5	2	0	2	1
120 Chronic Nephritis (Bright's Disease)	23	1	2	18	2
126 Disease of the Prostate	2	0	0	2	0
131 Cyst of the ovary	3	0	0	3	0
134 Miscarriage	4	0	0	3	1
135 Puerperal hemorrhage	3	2	0	1	0
136 Difficult Labour	2	0	0	2	0
138 Eclampsia	4	0	1	3	0
142 Gangrene	2	0	1	0	1
150 Congenital Malformations	7	0	0	7	0
151 Congenital debilities	68	2	6	54	6
152 Diseases of new born	17	2	1	12	2
153 Lack of Care	2	0	0	2	0
154 Senility (old age)	32	1	2	27	2
155 Suicide by poison	1	0	0	0	1
159 Suicide by shooting	1	0	0	1	0
165 Accidental poisoning (wood alcohol 3)	4	0	0	2	2
167 Burns and scalds	7	0	2	4	1
169 Drowning	2	0	1	0	1
170 Death by shooting (not suicide)	4	1	0	2	1
172 Killed by fall	1	0	0	1	0
174 Injured by machine (industrial)	2	0	1	1	0
175 Automobile accidents	13	1	6	5	1
Steam railway accidents	2	0	0	2	0
Street car accidents	1	0	0	1	0
181 Electricity	2	0	0	2	0
185 Fractures (cause not given)	2	0	0	2	0
189 Cause of death not known	6	0	0	6	0
Total deaths exclusive of still births	753	62	86	528	77
Still births	69	6	9	51	3

Table V.

Deaths by Ages

Ages	Total	Ford	W'ville	Windsor	Sandwich
Under 1 month (94)		9)	6)	72)	7)
1 month to 12 (76)	170	11)20	6)12	45)117	14)21
1 year	32	8	4	19	1
2	3	1	0	2	0
3	6	0	3	3	0
4	6	1	0	4	1
5	8	1	0	4	3
6	8	0	2	4	2
7	8	2	2	3	0
8	7	1	1	4	1
9	2	0	0	2	0
10	3	1	1	1	0
11	1	1	0	0	0
12	2	0	0	2	0
13	5	2	1	1	1
14	9	0	1	7	1
15	6	0	0	3	3
16	2	0	0	1	1
17	1	0	0	1	0
18	6	0	0	4	2
19	8	1	1	6	0
20	4	0	1	3	0
21	7	0	1	6	0
22	5	0	1	4	0
23	9	0	0	9	0
24	13	3	0	9	1
25	14	1	3	9	1
26	10	1	1	7	1
27	12	0	1	8	3
28	9	2	2	5	0
29	7	0	0	6	1
30	8	0	1	5	2
31	11	0	2	7	2
32	9	2	1	6	0
33	6	0	2	4	0
34	12	0	0	10	2
35	5	2	0	3	0
36	8	0	0	8	0
37	7	1	0	6	0
38	4	1	1	2	0
39	4	1	0	2	1
40	8	0	2	5	1
41	2	1	0	1	0
42	5	0	0	4	1
43	6	0	1	3	2
44	2	0	1	1	0
45	6	0	1	5	0
46	2	0	0	2	0
47	5	0	0	3	2
48	4	0	2	2	0
49	1	0	0	1	0
50	8	0	0	7	1
51	8	0	1	6	1
52	3	0	1	1	1
53	5	3	1	1	0
54	3	0	1	2	0
55	5	0	0	5	0
56	5	0	2	3	0
57	4	0	0	4	0
58	8	0	1	7	0
59	7	0	1	5	1
60	5	0	2	3	0
61	3	0	1	2	0
62	11	0	2	8	1

63	9	0	2	7	0
64	6	0	1	5	0
65	13	0	4	8	1
66	7	0	0	6	1
67	7	0	0	6	1
68	6	0	1	5	0
69	9	0	3	4	2
70	7	0	1	6	0
71	6	1	1	4	0
72	12	0	2	9	1
73	8	0	2	5	1
74	5	0	0	5	0
75	8	0	0	8	0
76	6	0	0	6	0
77	4	0	0	4	0
78	6	0	0	4	2
79	3	1	1	1	0
80	6	0	0	5	1
Over 80	42	2	2	34	1
Age unknown	11	1	1	8	4
	753	62	86	528	77

Table VI.

Deaths Under 1 Year by Municipalities

	All Four Municipalities	Ford	Walkerville	Windsor	Sandwich
Living births	1534	143	207	1051	133
Deaths under 1 year of age	170	20	12	117	21
Deaths under 1 year of age per 1000 births	111	140	58	111	158

Section 2

Communicable Diseases

Table VII.

	Cases Reported	Deaths
Typhoid Fever	16	5
Measles	435	15
Scarlet Fever	186	10
Whooping Cough	11	5
Diphtheria	259	6
Influenza	5000 (estimated)	112
Smallpox	9	0
Chickenpox	49	0
German Measles	16	0
Mumps	8	0
Infantile Paralysis	3	1
Gonorrhea	115)	
Syphilis	37) 6 months only.	
Chancroid	4)	
Tuberculosis	125	35

Includes all cases known to reside in the Border Cities in 1920 whether reported in 1920 or previously.

Typhoid Fever—16 cases were reported with 5 deaths.
Probable sources of infections were found to be as follows:—

Came to Border Cities already ill	2
Acquired by contact with recently recovered Michigan case	1
Acquired through nursing of Typhoid case	1
Ojibway well water	1
Drinking Detroit River water, direct from the river	3
Michigan Central water supply	2
Sources of infection undetermined	6
Total	16

Measles—There were 435 cases reported in with 15 deaths. Of the 15 deaths, 10 were in babies under one year of age.

Scarlet Fever—186 cases were reported, with 10 deaths. 7 deaths were in children under 5 years. 1 was in a child of 14, and 2 were adults.

Whooping Cough—11 cases were reported with 5 deaths. All of the deaths were in children of one year or younger. Obviously many cases were not reported.

Diphtheria—259 cases were reported, with 6 deaths. 4 of the deaths were in children 5 years of age or younger, and of the 2 remaining cases, one was a child of 8 years and one a child of 12.

Smallpox—Only 9 cases of Smallpox were reported and there were no deaths. The disease was six or seven times as prevalent in Detroit in proportion to population as in the Border Cities. Our comparative freedom from the disease is undoubtedly due to the relatively well-vaccinated condition of our population. All our nine cases were in persons who had never been successfully vaccinated at any time in their lives. The sources of infection were as follows:

Persons who picked up the infection in trips to outside points (Toronto 2, Essex 1)	3
New arrivals who were incubating the disease when they came here	3
Contracted the disease from persons in the preceding groups	2
Likely contracted in Detroit, where the patient conducted a business	1
Total	9

Influenza—In January and February the Border Cities and Detroit, in common with many other cities were swept with an epidemic of influenza. The first cases were on January 19th, and the peak of the epidemic was reached nine days later. It is estimated that there were in the neighborhood of 5000 cases in the Border Cities. This is strictly an estimate, as all our doctors were working night and day attending the sick, and had no time to report their cases to the Health Department.

The deaths numbered 112, the peak of the mortality being on Feb. 2nd. An analysis of these 112 deaths shows that 3-4 of all the deaths were in persons in the prime of life. There were 10 deaths in children under school age, 2 deaths in school children, and the remaining 100 deaths were in persons over the school age. If the deaths from Influenza are arranged by ages in five year periods, the three periods showing the greatest mortality by far are the ages from 21 to 25, 26 to 30, and 31 to 35.

From a consideration of the statistics and from the experience of attending physicians, it is plain that the person who died from Influenza was he who kept on his feet too long, or got up too soon after the illness against medical advice.

In connection with communicable diseases, a number of conditions require special mention.

The general public look on measles as a non-dangerous disease. As a matter of fact, Measles killed more persons in the Border Cities in 1920 than Scarlet Fever or Diphtheria or Typhoid, or any other of the communicable diseases except Influenza and Tuberculosis.

Another fact that is not sufficiently understood, is that the common infectious diseases of childhood are much more fatal in babies and children under 5 years than in older children. Out of 15 deaths from Measles, 10 were in babies under one year; out of 10 Scarlet Fever deaths, 7 were in children under 5 years; all the 5 Whooping Cough deaths were babies under one year; 4 out of the 6 diphtheria deaths were in children under 5 years. Parents should protect these younger children above all others, from infectious diseases. If one of the older children has suspicious symptoms, keep him away from the baby from the very beginning. If it turns out that the older child has an infectious disease, he will probably come through all right, and if the baby gets it, there is a great deal more doubt about him.

One of the great difficulties in controlling communicable disease here and elsewhere, is to get all cases promptly into quarantine. There is every reason to believe that either through carelessness, ignorance or intention on the part of the parents, many cases of infectious diseases are not seen by doctors and not reported to the Board of Health. Such hidden and missed cases are a big factor in the spread of communicable disease.

It should be impressed on parents that whether a doctor is called or not, the head of a family is required by law to notify the Board of Health if he has any reason to suspect that he has any infectious disease in his household.

Medical school inspection leads to the discovery of many infectious cases that would otherwise not come to light and any extention of the system of school inspection would be of material assistance.

Finally the danger of hidden and missed cases may be combated by education of the public through the press and by inexpensive, simply-worded booklets giving the main facts about infectious diseases. Few people will in cold blood hide infectious disease if they know the seriousness of what they are doing.

The final condition that requires mention in connection with infectious disease is the serious disability we labour under, in having no isolation hospital.

Section 3

Sanitation. It is the policy of the Department not to wait for complaints of nuisances to be sent in by citizens, but to keep the district under sanitary patrol at all times.

That this is good policy is indicated by the fact that for every nuisance complained of by a citizen, six others were discovered and dealt with by our inspectors direct.

Table VIII.

Complaints by citizens	434
Nuisances discovered (without complaint by citizens)	2811
Initial inspections	3245
Reinspections	5547
Total inspections	8792
Written notices	569
Abatements	2295
Police court cases	57

The majority of the nuisances dealt with have their origin in two conditions, both of which could be dealt with for the future at least, by appropriate action on the part of the Municipal councils.

The first of these conditions has to do with garbage collection. While many citizens fail to do their part in wrapping garbage and providing proper cans, the municipalities give an excuse for this private neglect by failing to provide a regular and sufficiently frequent collection.

To keep a city clean, garbage must be collected regularly on set days in the various districts and the frequency of the collection must be twice a week the year round in residential districts, and daily in the business section. This is the accepted standard worked out by experience in many places. Not one of the Border Municipalities provides a collection system that fully meets this standard and as a result, numerous nuisances come into existence—the primary cause of which lies in the failure of the Municipality to do its part.

The municipal action necessary to correct the above conditions consists of the provisions of an adequate collection system, and when this has been done, the establishment of a system of inspection that will see that each citizen puts the wastes of his household out for collection in proper shape. Such an inspection or law enforcement system is best handled by the officials in charge of collection for obvious reasons. In most cities only the occasional case of the obstreperous die-hard citizen who obstinately refuses to do what everybody else does, is dealt with by the Board of Health. All the minor offenses are dealt with by the collection officials.

The second great cause of unsanitary conditions has to do with housing. As a legacy from the past, there are in the Border Cities numerous tumble-down buildings, dignified by the title of houses, but barely fit for human habitation. Many of these buildings have no cellars or basements but are built on posts and while water and sanitary conveniences have in many instances been installed, later on in the original ancient buildings, these services are constantly freezing up, are of obsolete type and are out of commission for long periods. Some of these so-called houses do not face on streets, but are on alleys behind other houses. Many of them were never originally intended for houses, but are old barns and similar structures converted in an unsatisfactory fashion into dwelling houses. Incidentally, some of the worst profiteering in the whole Border goes on in connection with these tumble-down dwellings, and is directed against that part of the population least able to bear oppression of this kind. These places are exceedingly hard to deal with. Once they are up and occupied, it is hard to get rid of them, but there is no excuse for perpetuating this condition by allowing the erection of shacks and other unsuitable structures that will in time degenerate into the same type of dwelling that is objected to. It would seem to be the plain duty of each municipality to regulate all new buildings and see that they come up to certain minimum standards.

No permit should be issued for the construction of garages or other outbuildings or alleys, if they cut off access to the alley from the front of the lot.

Every house facing on a sewered street should have modern plumbing installed and connection made to the sewer at the time the house is built. If the house is not good enough to put modern plumbing into, its erection should be forbidden.

In the case of a house erected on a street without a sewer, it should be a requirement that space be provided in the building for modern plumbing so that when a sewer is laid on the street, the necessary fixtures can be put in without serious structural changes or additions. This is necessary, because while the Health Act provides that in certain cases plumbing may be put into a house at the expense of the municipality, and the money recovered in the taxes over a period of years, this does not apply to additions to the dwelling to house the fixtures, and this is often a serious item.

In the case of apartment houses, it should be provided that a certain percentage of the area of the lot be left free of buildings.

The distinction between tenement and apartment houses is that in a tenement house separate sanitary conveniences are not provided for each apartment. No permit should be issued for the erection of a tenement house, or for the conversion of an existing building into a tenement house.

From the standpoint of the Board of Health, the foregoing are the most important points to cover in municipal building supervision.

Unless these two subjects, garbage collection and regulation of new buildings have the most serious consideration of the municipal authorities, the efforts of the Board of Health in matters of sanitation must largely fail. It is of doubtful value to abate individual nuisances if no attention is paid to the sources from which the nuisances originate.

The sanitary excellence and good housing of Walkerville and its low death rate are unquestionably related, and there is no reasonable doubt that by appropriate action, the other border municipalities could attain to similar low mortalities.

Section 4

Table I X.

Food Placcs Under Inspection

	Sandwich East	Ford	Walker-ville	Wind-sor	Sand-wich	Sandwich West
Meats	1	11	11	62	6	3
Groceries	1	18	21	153	16	6
Bakeries	0	1	4	13	2	1
Fish	0	0	1	3	0	0
Restaurants	0	12	6	40	1	0
Markets	0	0	0	1	0	0
Dairies	5	0	1	5	0	1
Miscellaneous	2	3	6	20	3	1
Total	9	45	50	297	28	12

Total food places under inspection	441
Total food inspections	5142

Food condemned and destroyed as follows: 930 lbs. of beef, 20 lbs. pork, 17 turkeys, 10 chickens, 60 lbs. sausage, box of fish, sundry quantities of milk, head cheese, liver, eggs, fish, potatoes, canned vegetables, melons, grape fruit, strawberries, blueberries, peaches, plums, lemons and bananas.

In a general way it may be stated that an attempt is made to inspect all food establishments at least once a month.

The new restaurant By-Law which requires all restaurants to have licenses, which are issued by the Municipal Clerks only with the approval of the Board of Health, has been in operation during the whole of 1920, and has resulted in a tremendous improvement in the character of these places.

Very special attention has been given to the milk supply. Not only have the dairies, delivery wagons, etc., been inspected regularly, but samples of milk have been taken from each supply at least once a month, and analysed both bacteriologically and chemically. The highest bacterial count for the whole year was 960,000 per c.c. and the lowest 14,000 which is a very satisfactory showing. The average butter fat for the year was 3.65.% This also is entirely satisfactory.

Our Child Welfare clinics are another source of information on the milk supply. A large number of artificially fed babies attend these clinics and our usual procedure is to put these children on modified cow's milk formulae. Probably every commercial milk supply in the Border Cities is covered in this way, and since the majority of babies have done very well indeed, it is fair to assume that the various milk supplies are satisfactory from the standpoint of actual feedings.

All things considered, it may be safely stated that our local milk supply will, compare favorably with that of any city in Ontario.

Section 5

Laboratories

The Laboratory examinations made for physicians and for departmental purposes are shown in the following table:

Table XII.

Laboratory examinations for Diphtheria	1359
Laboratory examinations for Tuberculosis	215

Laboratory examinations for Typhoid (Widals)	7
Laboratory examinations for Gonorrhea	312
Laboratory examinations for Syphilis (St. Pall)	17
Laboratory examinations of Water (Bact)	770
Laboratory examinations for Milk (Bacteriological)	122
Laboratory examinations of Milk (Chemical)	191
Total	2993

Biological Products

Diphtheria antitoxin, tetanus antitoxin and anti meningitis serus, smallpox vaccine and various other biological products have been properly stored in the laboratory refrigerator and supplied to physicians as needed.

The diphtheria antitoxin handed out in this way during 1920 amounted to 10,930 M. units. Bought in the open market, the materials mentioned above would have cost the physicians of the Border Cities and in turn their patients, in the neighborhood of $10,000, but as a result of the progressive policy of the Provincial Board of Health, these materials cost us nothing except express charges and a small charge for containers.

Section 6

Child Welfare

To the parents of every baby whose birth is registered, the Board of Health sends the booklet on "The Care of the Baby" put out by the Provincial Board of Health, and at the same time issues an invitation to attend one of our Child Welfare Clinics.

The first Child Welfare clinic was held on June 9th, 1920 and it was the intention at that time to hold but one clinic each week. From the very beginning the attendance at these clinics became so great that it was plain that one clinic was not sufficient. Two clinics were therefore held each week commencing early in July—the Wednesday clinic for the district east of Ouellette Ave., and the Friday clinic for the district west of Ouellette Ave.

The attendance at the Child Welfare Clinics for the six months they were held in 1920 numbered 530.

Probably 90% of the work of the clinic has to do with the feeding of babies, and under this heading the clinic has dealt with cases of rickets, tetany, coeliac disease, malnutrition, constipation, diarrhoea, and finally perfectly well babies where advice is sought as to weaning, changes of diet, etc.

About 10% of the children are brought to the clinic for a diagnosis of some obscure condition or for advice as to whether a certain operation is advisable. In such cases, the diagnosis is made and the child referred back to the family physician or a specialist, or a hospital as the case may require.

In this group the clinic has dealt with cases of otitis media, tonsils, and adenoids requiring operation, mental deficiency, phlorospasm, congenital dislocation of the hip, sarcoma of the femur, congenital cataracts, Hirchsprung's disease (megalocolon) and phimosis.

As evidence of the good work the clinic is doing in promoting the proper care of the baby and of the interest the clinics have aroused, it may be stated that babies have been brought in to the clinic from Maidstone, Amherstburg and Tecumseh. While these places are entirely outside our district, the added expense of looking after these babies is practically nothing, and we have been very glad to extend the clinic facilities to them.

Dr. Geo. E. White, who specializes in infant feeding and the diseases of children, has been in charge of the child welfare clinics from their inception, and the thanks of the Board are due him for the very efficient way in which the clinics have been conducted.

Re Extension of Child Welfare Clinic

From Table 6, Section 1 of this report, it will be seen that the death rate in children under 1 year of age is particularly high in Ford and Sandwich. Coupled with this condition is the fact that the Child Welfare Clinics in Windsor have not been well attended by Ford and Sandwich babies—no doubt on account of the difficulty of coming so great a distance on the street car.

It is clear that Child Welfare Clinics should be held in both Ford and Sandwich, and the M.O.H. proposes with the consent of the Board, to go ahead with the necessary arrangements.

Section 7

Tuberculosis

In April, 1920, the sanitarium at Union-on-the-Lake, established by the Essex County Health Association, was burned to the ground. This calamity has very seriously complicated the tuberculosis situation. At no time have we had sufficient sanitarium accommodation in the

Province of Ontario, and with the destruction by fire of the local sanitarium, and of a considerable part of the Muskoka Free Hospital for Consumptives at Gravenhurst, the situation has become very serious indeed. To make matters worse, the United States during the year, amended their immigration laws so that in practical terms it is now impossible for a person having Tuberculosis to enter the United States; the only exception to be a special permit from Washington.

The Sanitarium at London has helped us out a great deal many times by taking our most urgent cases of tuberculosis, but we have been compelled to keep the great majority of our cases at home and care for them as best we could.

The Local Board of Health has been careful to see that all necessary cases are kept under supervision with three ends in view: To insure the proper care of the patient, to insure the safety of other members of the household, and to insure the safety of the general public.

During the year 1920, 57 patients have been kept under supervision in this way to a greater or less extent. This work has involved 690 home visits. In addition to the above work, 44 chest examinations have been made at the clinics which are held weekly.

The thanks of the Board are due to Dr. Murray Flock, who has not only made the necessary clinic examinations, but has also made a number of visits for us to patients in their homes.

Section 8

Venereal Disease

There was taught us the importance of venereal diseases as a public health problem, and the Federal and Provincial Governments have taken active steps to combat these diseases. The Provincial Board of Health of Ontario offered assistance to the extent of $1,000.00 towards equipment for a clinic for the treatment of venereal diseases (this to be paid the first year only) and $1,000.00 towards the employment of a specialist, physician and a nurse.

The Local Board of Health for the Essex Border Municipalities decided to take advantage of this offer and a venereal disease clinic was equipped and has been in operation since early in July, 1920. 4 clinics are held each week, 2 for men and 2 for women—Dr. A. L. Poisson being the specialist in charge. 463 treatments were given during the 6 months the clinics were held in 1920.

The principal work of the clinic is the treatment of gonorrhea and syphilis in persons unable to pay the ordinary charges of a private physician, and who, if no clinics were available, would go without treatment and constitute a public menace.

Pre-Natal Work

The necessity for some form of pre-natal work on the part of the Local Board of Health will be plainly evident from the following tables and statements:

Stillbirths

Pregnancies	1603
Stillbirths	69 or 4.31%.

Deaths Under 1 Month

Living births	1544
Deaths under 1 month	94 or 6.13%.

The figures shown above would appear to justify the following conclusion:

Out of 1603 pregnancies, 163 or 10.16% were sufficiently unsatisfactory to end either in a still-birth or the birth of a weakly child which lived less than a month.

The experience of the pre natal clinic at the Toronto General Hospital and of other clinics would indicate that the figures given above can be very materially cut down. Just what form the activity of the Local Board of Health should take, the M.O.H. is not prepared at the present time to recommend. The Provincial Board of Health has recently organized a pre-natal division and it is expected that some assistance can be had from this source in the way of literature, and it would seem wise before laying down any plans, to consult with the Provincial authorities.

Water Supply

At present the water supplied to the various municipalities by the Windsor Municipal Water works and the Walkerville Water Co. is safeguarded in only one way, namely, chlorination.

That the chlorinating process has been well done during 1920 is indicated by the 770 bacteriological examinations which were made in our Laboratory during the year, and by the fact that Typhoid has been kept down to 16 cases. In 10 cases out of 16 we were able to satisfy ourselves that the Walkerville and Windsor water supplies were not the sources of infection. This, in view of the fact that it is always true that a certain proportion of Typhoid cases can not be traced, is very reassuring.

At the suggestion of the M.O.H., the Windsor Water Board during the year, purchased and put into commission a second liquid chloring machine to be kept in reserve in case of a breakdown. The Walkerville Water Co. has also put into commission a reserve machine.

The Michigan Central water supply has had a bad reputation as far as Typhoid is concerned for several years back, and at the suggestion of the M.O.H. certain measures have been taken to safeguard this supply. Since these protective measures have been taken, no further cases of Typhoid have occurred in Michigan Central employees.

The local situation in regard to water supply is briefly as follows:

During 1920 the water supplies have been kept safe by chlorination and the Windsor Board of Water Commissioners and the Walkerville Water Company and their employees are deserving of every credit for that accomplishment, but no water supply should be protected by a single procedure such as chlorination where the human element plays so large a part. Filtration of our water supplies is absolutely necessary—not only for the added safety, but because that is the only way to get a clean, clear water. Under the present arrangement, no water supply in the Border Cities is ever absolutely clear, and very frequently the water is exceedingly dirty.

Respectfully submitted,

F. ADAMS, *M. O. H.*

WOODSTOCK

To the Mayor and Aldermen of the City of Woodstock.

Gentlemen,—I beg to present herewith the report of the Medical Officer of Health, for the year 1920. This report you will observe covers the period from November 15th, 1919, to November 15th, 1920.

In presenting the report I would say that the Board of Health has endeavoured to carry on its work as economically as possible, but during the above period, Woodstock, as you know, was visited by an epidemic of smallpox causing undue expenditure. The expenses in connection with this outbreak amounted in all to approximately $3,463.00. The Medical Officer of Health received in addition to his regular salary the sum of $1,550.00, and the balance of $1,913.00 was due to payments made for vaccination of the students, and for board, nursing, fuel etc., for quarantined patients, full particulars of which appear in the financial statements of the city for last year and this. Much of this expenditure, I submit, might have been avoided if the Isolation Hospital had been put in proper condition to receive patients; but through lack of proper facilities for handling patients at the inception of the epidemic an expensive system had to be used. The prevention of the spread of communicable diseases is one of the aims of the Board of Health, and whenever a person is known to have contracted smallpox, and others to have been exposed to the disease, provision should be made at once to isolate that person by placing the patient in the Isolation Hospital and quarantining those exposed. If this were done at the inception, the epidemic might be brought under immediate control. A special physician should be employed, and the Medical Officer of Health should be free to devote his time to his regular and ordinary duties. In this way the period of the outbreak would be so lessened as to cause greatly reduced expenses all round, as the number of people to be provided with necessaries would not by any means be so great.

I would therefore recommend that proper facilities be provided at the Isolation Hospital for taking care of all patients at the inception of an outbreak, such as we had, of smallpox during the said period. $10.00 a day paid to a physician for a short period of time would prevent $10.00 a day being paid to the Medical Officer of Health for a lengthy period of time, and much of the above expense would thereby be avoided.

With reference to the milk furnished for consumption in the City, in addition to the tests, being made monthly as to butter fat and sediment, I would recommend that the specific gravity of the milk be also taken from time to time by the Medical Officer of Health.

The new sewer will in a short time be completed and this will facilitate doing away with all outside closets, and I would recommend that the Council pass a by-law enlarging the area for compulsory connection with the sewer, as this matter has been left in abeyance through lack of sewer facilities.

All of which is respectfully submitted.

F. L. PEARSON

Chairman of Board of Health.

Dated at Woodstock, December 27th, 1920.

To the Mayor and Aldermen of the City of Woodstock.

Gentlemen,—I hereby submit my annual report of the Health Department of the City of Woodstock for the year ending 15th November, 1920.

The population of the city by the last assessment is 10,333, being a fair increase over the preceding year.

The births recorded with the Registrar are 224, 109 being males and 115 females.

The deaths recorded are 172; being 84 males and 88 females. Included in this are deaths of non-residents who came to the city for medical treatment, and 18 still and premature births. Deducting these two items will give less than 13% per thousand.

Deaths occurring during the following periods:—

Stillborn and under 1 year	29	From 40 to 50 years	8
From 1 year to 5 years	7	From 50 to 60 years	12
From 5 years to 10 years	4	From 60 to 70 years	32
From 10 to 20 years	5	From 70 to 80 years	27
From 20 years to 30 years	7	From 80 to 90 years	23
From 30 years to 40 years	14	90 years or over	5

Number of Deaths and Respective Causes

Debility and Old age	16	Heart Disease	11
Bowel Obstruction	4	Myo-Carditis	14
Apoplexy	4	Cancer of Stomach	3
Arterial Sclerosis	10	Still and Premature Births	18
Uremic Poisoning	2	Diphtheria	6
Compression of Brain	2	Pneumonia	20
Tuberculosis	4	Influenza	3
Encephalitis Lethargiea	3	Paralysis	2
Gangrene	2	Cancer	5
Pernicious Anaemia	3	Cerebral Hemorrhage	4
Cholera Infantum	2	Scirrhosis of Liver	2
Suicide	2	Endocarditis	2
Erysipelas	2		

and one each of the following:—Gas Poisoning, Jaundice, Laryngitis, Angina Pectoris, Septicemia, Cancer of Throat, Abscess of Brain, Bronchitis, Dropsy, Paresis, Rheumatism, Carcinoma, Addison's Disease, Indigestion, Spina Bifida, Cystitis, Nephritis, Cerebral Cerebritis, Bright's Disease, Cancer of Uterus, Rupture of Uterus, Cerebral Paresis, Pott's Disease, Congestion of Lungs, Accident and Epilepsy.

Communicable Diseases

During the early part of the year Smallpox was epidemic and during the months of March, April, May and June we had an epidemic of Measles.

We also had an unusually large number of cases of Diphtheria, principally in young children.

The diagram following will show the number of communicable diseases reported and the months in which they occurred; November 15-19—Nov. 15-20.

Diseases	1919		1920											
	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total
Chickenpox	7	5		1										14
Smallpox	10	8		3	1									30
Mumps		1		1	1			3			2			8
Diphtheria		11	5	4		2	2	3	1		1	1		30
Sleeping Sickness			1		1			1						3
Influenza			2											2
Scarlet Fever				6	2		1	1	1	1	9	2	1	25
Tuberculosis				1							1			2
Measles					13	25	196	39	3	1				277
Erysipelas					1									1
Typhoid									1		3	1		5
Whooping Cough												1		1
	17	25	17	16	19	28	199	47	6	2	16	5	1	398

Milk Supply

Members of the Board visited the byres and herds of the milk producers supplying the Woodstock Dairy, and found the herds in good condition, while some of the byres were not in a satisfactory state and lacking in proper conveniences for curing and caring for the milk.

While the majority have the butter fat up to the required standard, some are very often below.

As to sediment, the same may be said as to butter fat, and if more attention is not given to keeping sediment out of the milk, or when it gets in to have it immediately removed, the Board will have to take action and prohibit the sale of such milk.

The Woodstock Dairy filters and pasteurizes all milk coming into the Dairy.

Sanitation

The Board visited the slaughter houses of the Market Butchers and found most of them well kept, while some of them were unfit to be used.

On a second inspection (after Dr. McNally visited them), they were much improved.

The City Council, early in the year appointed Mr. Royal Brink, Inspector of Foods. He is proving himself a very efficient officer and justifies the appointment.

At the same time the City Council appointed Mr. W. B. Skinner, Sanitary Inspector, instead of Mr. George Robinson (retired). Mr. Skinner is active, energetic and doing very good work.

The garbage dumps have been kept in fairly good condition this year.

The installation of an incinerator to burn the garbage should engage the attention of the Council in the near future.

There have been fewer complaints this year than formerly as to the disposal of sewage.

There are too many earth closets still in use and I would suggest that the City By-Law be amended by extending the area in which outside closets shall be prohibited; said area to include streets supplied with sanitary sewers.

The Council has now in process of construction a system of sewage disposal of the most modern type and probably surpassing all in Western Ontario. Its capacity is such as to take care of the sewage of the City for many years to come.

I thank the Chairman and members of the Board for their able and hearty co-operation in carrying on the work of the Board during the year.

Respectfully submitted,

ANDREW MACKAY,

M. O. H.

Dated at Woodstock, Ont., November 15, 1920.

Fifty-Third Annual Report

OF THE

INSPECTORS OF PRISONS AND PUBLIC CHARITIES

UPON THE

Hospitals for the Insane

OF THE

PROVINCE OF ONTARIO

Being for the Year ending 31st October

1920

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

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1921

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PARLIAMENT BUILDINGS

Toronto, March 14th, 1921.

To His Honour LIONEL HERBERT CLARKE, ESQ.,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I beg to submit herewith the Fifty-third Annual Report upon the Ontario Hospitals for the Insane, being for the official year ending on the 31st October, 1920.

I have the honour to be,

Your Honour's most obedient servant,

HARRY CORWIN NIXON,

Provincial Secretary.

Office of the

Inspector of Prisons and Public Charities, Ontario.

Parliament Buildings,

Toronto. March 14th, 1921.

Sir,—We have the honour to transmit herewith, to be presented to His Honour the Lieutenant-Governor, the Fifty-third Annual Report upon the Ontario Hospitals for the Insane, being for the official year ending 31st October, 1920.

We have the honour to be, Sir,

Your obedient servants,

W. W. Dunlop.

Inspector.

Harry Corwin Nixon,

Provincial Secretary of the Province of Ontario, Toronto.

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REPORT

Of W. W. Dunlop, Inspector of Prisons and Public Charities for the year ending October 31st, 1920.

General.

On the 31st October, 1920, the total number of insane patients in the Ontario Hospitals was 6,504, with 61 applications on file for admission, making in all 6,565. In the Homewood Sanitarium at Guelph, there were 61 insane patients. Including these with the numbers in the Ontario Hospitals and the official list of insane in the Province was 6,626, an increase of 384 from 1919.

The population of the Orillia Hospital for Feebleminded on October 31st, 1920, was 983 and of the Woodstock Hospital for Epileptics was 202. When these are included with the official number of insane there is a gross total of 7,811 insane, feebleminded and epileptics cared for in twelve Public Institutions.

It is scarcely necessary to say that the task of looking after the manifold needs of such a class of abnormal citizenship is difficult and with the social complexities of the age the difficulty is increased.

Movements of Patients.

The daily average number of patients in the Ontario Hospitals for the Insane during the year was 6252. The total number of admissions during the year was 2879, an increase over 1919 of 1365. The total number of discharges was 844, an increase over 1919 of 123.

Revenue.

	1919	1920
From paying patients	$288,647.57.	$326,350.89.
From Farm & Miscellaneous	82,871.22.	169,309.47.
Total	371,518.79.	495,660.36.

An increase over 1919 of $124,141.57.

Collection from the municipalities under the Provision of 6 Edward VII, Chap. 9, as follows:—

1919.	1920.
$128,136.20.	$127,330.00.

Improvements.

The Hospital at Cobourg which was used as a Military Hospital during the war was taken over by this Department in June, 1920, and re-opened as an Ontario Hospital for Female Patients, and 327 patients were transferred from the other Ontario Hospitals. The buildings were re-modeled and improved.

Brockville.—The outside woodwork was thoroughly repaired and repainted.

London.—A new diet kitchen has been installed. The Reception Hospital has been thoroughly renovated—floor and walls tiled in the bath rooms, lavatories and kitchen. Additional balconies constructed and many general improvements made.

Mimico.—Improvements have been made in the Fire Hall, the Boat House and Dock, and sanitary improvements made throughout the Hospital.

Hamilton.—General improvements have been made on all the buildings.

W. W. Dunlop,

Inspector.

TABLE

Showing movements of patients in the Hospitals

	Brockville Hospital.			Cobourg Hospital.		
	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	386	378	764	.....	378	378
In Residence, Oct. 31st, 1919	386	427	813	.....	.....	.....
Admitted during year 1920:—	100	105	205	.....	328	328
By Warrant	4	.....	4	.....	86	86
By Medical Certificate	96	105	201	.....	242	242
Voluntary	.....	.....	.....	.....	.....	.....
Total number under treatment during year 1920	486	532	1,018	.....	328	328
Discharges during year:—						
As recovered	29	24	53	.....	.....	.....
As improved	27	24	51	.....	.....	.....
As unimproved	3	2	5	.....	.....	.....
As not insane	.....	.....	.....	.....	.....	.....
Total number discharged during year	59	50	109	.....	.....	.....
Died	37	24	61	.....	1	1
Deported	1	.....	1	.....	.....	.....
Eloped	9	.....	9	.....	.....	.....
Transferred	1	78	79	.....	.....	.....
Total number admitted since opening of Hospital	2,068	2,020	4,088	.....	.....	.....
Total number discharged since opening of Hospital	836	873	1,709	.....	.....	.....
Total number died since opening of Hospital	708	601	1,309	.....	.....	.....
Total number deported since opening of Hospital	15	11	26	.....	.....	.....
Total number eloped since opening of Hospital	101	2	103	.....	.....	.....
Total number transferred since opening of Hospital	29	153	182	.....	.....	.....
Total remaining in Hospital, Oct. 31st, 1920	379	380	759	.....	327	327
Number of applications on fyle	.....	.....	.....	.....	.....	.....
Daily average population	391	438	829	.....	232	232
Collective days' stay of all patients in residence during year.	143,145	160,170	303,315		15,804	15,804

No. 1.

for the year ending October 31st, 1920.

Hamilton Hospital.			Kingston Hospital			London Hospital.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
656	639	1,295	311	268	579	511	555	1,066
655	645	1,300	325	264	589	570	662	1,232
108	179	287	97	70	167	150	124	274
45	30	75	9	3	12	32	11	43
60	146	206	88	67	155	118	113	231
3	3	6	.....	.....	.....	.....	.....	.....
763	824	1,587	422	334	756	720	786	1,506
17	20	37	38	23	61	43	40	83
45	74	119	21	19	40	28	20	48
3	5	8	1	2	3	3	3	6
.....	.....	.....	2	.....	2	.....	.....	.....
65	99	164	62	44	106	74	63	137
49	65	114	22	19	41	48	57	105
3	2	5	1	1	2	1	4	5
5	.....	5	14	.....	14	7	.....	7
2	76	78	1	2	3	.....	66	66
4,129	3,995	8,124	3,266	2,697	5,963	4,517	4,209	8,726
1,613	1,797	3,410	1,546	1,322	2,868	1,990	1,931	3,921
1,425	1,267	2,702	1,018	795	1,813	1,514	1,347	2,861
75	11	86	15	6	21	17	8	25
150	11	161	119	1	120	157	17	174
217	327	544	246	305	551	249	310	559
639	582	1,221	322	268	590	590	596	1,186
5	6	11	3	2	5	.....	.....	.....
708	694	1,402	319	261	580	589	648	1,228
259,141	253,922	513,063	116,875	95,399	212,274	212,138	237,513	449,651

TABLE

Showing movements of patients in the Hospitals

	Mimico Hospital.			Penetang Hospital.		
	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	300	300	600	166	203	369
In Residence, Oct. 31st, 1919	347	328	675	165	199	364
Admitted during year 1920:—	82	76	158	2	5	7
By Warrant	51	22	73	2	2	4
By Medical Certificate	31	54	85	.....	3	3
Voluntary	.....	.....	.....	.....	.....	.....
Total number under treatment during year	429	404	833	167	204	371
Discharges during year:—						
As recovered	24	21	45	.....	.....	.....
As improved	14	6	20	.....	.....	.....
As unimproved	.....	3	3	1	.....	1
As not insane	.....	.....	.....	.....	.....	.....
Total number discharged during year	38	30	68	1	.....	1
Died	35	25	60	8	7	15
Deported	3	1	4	.....	.....	.....
Eloped	4	.....	4	.....	1	1
Transferred	38	40	78	.....	.....	.....
Total number admitted since opening of Hospital	2,229	2,001	4,230	345	414	759
Total number discharged since opening of Hospital	776	696	1,472	19	22	41
Total number died since opening of Hospital	683	567	1,250	131	167	298
Total number deported since opening of Hospital	54	11	65	10	1	11
Total number eloped since opening of Hospital	58	1	59	15	2	17
Total number transferred since opening of Hospital	347	418	765	12	26	38
Total remaining in Hospital, Oct. 31st, 1920	311	308	619	158	196	354
Number of applications on fyle	16	16	32	.....	.....	.....
Daily average population	322	315	637	162	200	362
Collective days' stay of all patients in residence during year.	117,447	114,934	232,381	59,396	73,262	132,658

NO. 1—*Continued*

for the year ending October 31st, 1920

Toronto Hospital.			Whitby Hospital.			Totals.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
426	426	852	500	500	1,000	2,604	3,008	5,612
591	678	1,269	.....	.....	.....	3,035	3,207	6,242
219	317	536	441	476	917	1,199	1,680	2,879
94	22	116	204	99	303	445	278	723
125	295	420	237	377	614	861	1,505	2,366
.....	.....	.....	.....	.....	.....	3	3	6
810	995	1,805	.....	.....	.....	4,619	5,847	10,466
30	6	90	4	2	6	185	190	375
54	70	124	4	14	18	193	227	420
10	5	15	1	1	2	22	21	43
2	.....	2	1	1	2	5	1	6
96	135	221	10	18	28	405	459	864
64	59	123	7	7	14	270	264	534
4	2	6	.....	1	1	13	11	24
8	1	9	5	.....	5	56	3	59
387	468	855	2	.....	2	446	890	1,336
7,449	7,259	14,708	441	476	917	24,438	23,404	47,842
3,584	3,875	7,459	10	18	28	10,364	10,540	20,904
2,082	1,660	3,742	7	7	14	7,627	6,448	14,075
126	54	180	.....	1	1	309	103	412
184	35	219	5	.....	5	793	70	863
1,222	1,305	2,527	2	.....	2	431	730	1,161
251	330	581	417	450	867	3,067	3437	6,504
7	6	13	.....	.....	.....	31	30	61
334	427	761	102	120	222	2,918	3,335	6,253
121,910	155,855	277,765	101,530	120,406	221,936	1131,582	1227,265	2358,847

TABLE No. 2.

Showing social state and religion of patients admitted during the year and since the opening of the Hospital.

	Admissions of Year.	In residence.	Admissions since opening.
SOCIAL STATE.			
Single	1,480		
Married	1,125		
Widowed	250		
Divorced	6		
Separated	2		
Unascertained	16		
Total	2,879		
RELIGION.			
Baptists	115		
Congregationalists	16		
Church of England	638		
Methodists	573		
Presbyterians	478		
Roman Catholics	595		
Other Denominations	348		
Unascertained	116		
Totals	2,879		

TABLE No. 3.

Showing nativity of patients admitted during the year and since the opening of the Hospital.

Nativity.	Admissions of Year.	Admissions since opening.
Total born in Canada	1,926	29,279
Armenia	.....	4
Assyria	2	27
Austria	26	168
Australia	1	8
Belgium	.....	2
Bulgaria	2	15
China	3	24
Denmark	.....	11
England	440	6,308
France	11	61
Finland	13	96
Galicia	4	15
Germany	17	296
Greece	5	38
Holland	.....	.....
Hungary	.....	.....
Ireland	104	418
Italy	26	166
Japan	.....	1
Macedonia	2	16
Norway	3	24
Other British Possessions	20	265
Poland	3	3
Roumania	9	28
Russia	53	371
Scotland	97	2,778
South America	.....	10
Spain	1	2
Switzerland	.....	5
Sweden	2	57
Turkey	1	19
United States	62	1,227
West Indies	3	33
Unascertained and other countries	43	1,041
Totals	2,879	47,842

TABLE No. 4.

Showing occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetanguishene Hospital.	Toronto Hospital.	Whitby Hospital.	Admitted this year.	Since opening.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc	7	....	3	4	1	1	....	3	17	36	850
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers Typewriters, etc	20	9	18	7	14	2	....	35	75	180	2,547
Agricultural and Pastoral:— Farmers, Gardeners, Stock Men, etc	15	1	18	18	52	24	....	16	52	196	6,813
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc	11	....	23	2	11	8	1	37	58	151	2,387
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc	6	22	18	7	14	6	....	34	130	237	3,062
Domestic Service:— Waiters, Cooks, Servants, etc	17	64	155	4	12	5	....	35	83	375	4,471
Education and Higher Domestic Duties:— Governesses, Teachers, Students, Housekeepers, Nurses, etc	93	127	9	58	92	65	3	130	310	887	14,396
Miners, Marine Engineers, Railway Employees, Seamen, Soldiers, etc	....	....	7	....	15	4	....	7	14	47	573
Laborers	24	....	35	12	34	32	1	85	160	383	6,807
No Occupation	....	27	1	11	26	11	....	60	8	144	3,006
Unascertained	12	78	....	44	3	....	2	94	10	243	2,930
Totals	205	328	287	167	274	158	7	536	917	2,879	47,842

TABLE No. 5.

Showing the Counties and Districts from which Patients have been admitted during the year ending October 31st, 1920, and the Hospitals they were assigned to.

Counties and Districts.	Admitted during Year.	Number received under warrant process.	Number received by medical certificates.	Assigned to Brockville Hospital.	Assigned to Cobourg Hospital.	Assigned to Hamilton Hospital.	Assigned to Kingston Hospital.	Assigned to London Hospital.	Assigned to Mimico Hospital.	Assigned to Penetang Hospital.	Assigned to Toronto Hospital	Assigned to Whitby Hospital.
Algoma District	25	21	4	....	....	....	....	....	12	....	5	8
Brant	32	2	30	....	7	22	....	1	....	....	1	1
Bruce	25	5	20	....	4	1	....	18	....	....	....	2
Carleton	127	6	121	95	27	....	1	....	....	....	....	4
Dufferin	10	7	3	....	4	3	....	1	....	....	1	1
Dundas	16	1	15	12	2	1	....	....	....	....	1	....
Durham	30	4	26	2	3	....	7	....	....	....	7	13
Elgin	24	3	21	....	5	1	....	17	....	....	1	....
Essex	45	11	34	....	9	....	....	35	....	....	....	1
Frontenac	51	3	48	2	3	....	41	....	....	....	3	2
Glengarry	15	....	15	10	4	....	....	....	....	....	....	1
Grenville	20	1	19	14	4	....	....	....	....	....	2	....
Grey	35	6	29	....	9	20	....	....	1	....	1	4
Haldimand	9	1	8	....	3	6	....	....	....	....	....	....
Haliburton	5	2	3	....	2	....	....	....	3	....	....	....
Halton	16	3	13	....	4	9	....	1	....	....	1	1
Hastings	27	6	21	....	5	....	18	....	....	....	2	2
Huron	29	6	23	....	2	2	1	20	....	....	1	3
Kenora	....	....	....	....	....	....	....	....	....	....	....	....
Kent	33	10	23	....	5	....	....	27	....	....	1	....
Lambton	28	3	25	....	3	....	....	23	....	....	1	1
Lanark	17	3	14	9	6	....	....	....	....	....	2	....
Leeds	42	1	41	27	12	....	3	....	....	....	....	....
Lennox and Addington	3	....	3	....	....	....	3	....	....	....	....	....
Lincoln	17	1	16	....	3	11	....	....	....	....	2	1
Manitoulin	4	2	2	....	....	1	....	....	1	....	....	2
Middlesex	101	15	86	1	23	2	....	71	....	....	2	3
Muskoka District	12	6	6	....	1	....	....	....	4	....	3	4
Nipissing District	30	18	12	....	2	....	....	1	15	1	8	3
Norfolk	12	2	10	....	1	11	....	....	....	....	....	....
Northumberland	27	1	26	....	5	....	14	....	....	....	1	7
Ontario	57	16	41	....	7	....	....	....	11	1	9	29
Oxford	25	6	19	....	2	....	....	23	....	....	....	2
Parry Sound District	17	8	9	....	....	1	....	....	9	1	....	6
Peel	21	2	19	....	2	....	....	....	15	....	....	4
Perth	34	5	29	....	8	....	....	25	....	....	....	1
Peterborough	43	11	32	....	6	....	3	....	16	....	3	15
Prescott	18	2	16	9	9	....	....	....	....	....	....	....
Prince Edward	7	1	6	....	....	....	6	....	....	....	....	1
Rainy River District	4	4	....	....	....	....	....	....	2	....	....	2
Renfrew	27	1	26	2	4	....	19	....	....	....	1	1
Russell	7	....	7	5	1	....	....	....	....	....	1	....
Simcoe	52	15	37	....	4	....	....	....	26	1	6	15
Stormont	20	1	19	12	7	....	....	....	....	....	....	1
Sudbury	9	8	1	....	....	....	....	....	4	....	....	5
Temiskaming	19	13	6	....	....	....	....	....	11	....	....	8
Thunder Bay District	31	22	9	1	4	....	....	....	10	2	1	13
Victoria	19	12	7	....	....	....	....	....	11	....	....	8
Waterloo	29	4	25	....	10	13	....	2	....	....	1	3
Welland	43	6	37	....	5	34	....	....	1	....	....	3
Wellington	45	5	40	....	14	20	....	2	2	....	1	5
Wentworth	141	54	87	....	15	121	1	....	....	....	1	3
York	1,265	357	908	1	71	5	1	1	4	....	466	717
Unascertained	60	12	48	....	1	....	48	6	....	1	....	4
Other Provinces	13	8	5	3	....	3	....	....	....	....	....	7
Total	2,873	723	2,372	205	328	287	167	274	158	7	536	917

TABLE No. 5a.

Showing the counties and districts from which the entire number of patients admitted to the Hospitals have been received; also the counties and districts from which the patients remaining in residence the 31st October, 1920 were originally admitted.

Counties and Districts	Total admissions.	Patients in residence 31st October, 1920									
		Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital	Toronto Hospital.	Whitby Hospital.	Total.
Algoma District				6		2	32	23	5	7	
Brant			7	99		5	1	2		1	
Bruce			4	6		103		4	1	2	
Carleton		261	27	2	30		1	3		4	
Dufferin			4	21		1	2	3		1	
Dundas		19	2	1	2		2				
Durham		4	3	2	10	1	6		5	11	
Elgin			5	3		84		2			
Essex		2	9	3		116			3		
Frontenac		9	3	6	103			3		2	
Glengarry		26	4	3	7					1	
Grenville		36	4		3				1		
Grey			9	101	1	6	8	9	1	4	
Haldimand		1	3	35			1	1			
Haliburton			2		1		2				
Halton		1	4	34		1	1		1	1	
Hastings		6	5	1	96		1	3	3	2	
Huron		2	2	2	1	122		2	2	3	
Kenora							3				
Kent		2	5	1		97	2		1		
Lambton		3	3	2	1	111		1		1	
Lanark		72	6		10			1	1		
Leeds		85	12	1	11				1		
Lennox and Addington		2			42			2	1		
Lincoln			3	52				2		1	
Manitoulin							5			2	
Middlesex		2	23	3	1	269	1	2		3	
Muskoka District			1	2			9	14		4	
Nipissing District		1	2	6	1		40	23	1	3	
Norfolk			1	43	1	1		2	4		
Northumberland		4	5	2	66		2	8	1	7	
Ontario		1	7	3	2	2	41	20	3	26	
Oxford		1	2	3		96	1	2	1	2	
Parry Sound District				4		1	40		5	6	
Peel		1	2	5			44	5		4	
Perth		3	8	4		112	2	3		1	
Peterborough		1	5		9		59		1	15	
Prescott		59	9	1	3			7	2		
Prince Edward					36			2		1	
Rainy River District							11			2	
Renfrew		11	4		73			7	1	1	
Russell		43	1	1	1			3			
Simcoe		3	4	17		2	82		5	15	
Stormont		66	7		3			57		1	
Sudbury				1			10	1		4	
Temiskaming		1		1			16			7	
Thunder Bay District		2	4	4	1	2	27	15	2	11	
Victoria				3	3		58	9	4	8	
Waterloo			10	121			1	1	1	3	
Welland		1	5	92	2		1	1		3	
Wellington			14	125		2	2	4		5	
Wentworth		3	15	352	4	3	2	7	4	3	
York		24	71	39	13	6	102	85	517	679	
Unascertained			1	6	53	41		17	3	4	
Other Provinces		1		5						6	
Totals		759	327	1,221	590	1,186	619	354	581	867	6,504

TABLE No. 6.

Showing the assigned causes of insanity in the cases admitted during the year.

Causes.	Men.	Women.	Total.	Inherited Predisposition			Un-ascertained
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.)	66	115	.....	12	13	25	.....
Mental Strain, Worry and Overwork (not included in above)	78	157	.....	17	36	53	.....
Religious Excitement	14	21	.....	2	2	4	.....
Love Affairs, including seduction	6	15	.....	.....	.....	.....	.....
Fright and Nervous Shock	22	10	.....	7	2	9	.....
PHYSICAL.							
Alcoholism	32	10	.....	6	.....	6	.....
Sexual Excess	14	1	.....	2	1	3	.....
Venereal Diseases	44	6	.....	3	.....	9	.....
Masturbation	15	2	.....	1	.....	3	.....
Insolation	3	.....	.....	.....	.....	.....	.....
Accident or Injury	16	9	.....	.....	.....	.....	.....
Pregnancy	.....	15	.....	.....	3	3	.....
Parturition and Puerperium	.....	27	.....	.....	5	5	.....
Lactation	.....	1	.....	.....	1	1	.....
Climacteric Period	.....	18	.....	.....	2	2	.....
Fevers	8	3	.....	.....	.....	3	.....
Privation and Overwork	7	20	.....	2	11	13	.....
Epilepsy	24	12	.....	5	4	9	.....
Other Convulsive Diseases	1	3	.....	1	1	2	.....
Diseases of Brain and Skull	146	172	.....	.....	2	2	.....
Senility	66	68	.....	7	7	7	.....
Exophthalmic Goitre	1	7	.....	.....	1	1	.....
Epidemic Influenza	10	11	.....	3	4	4	.....
Abuse of Drugs	7	6	.....	2	1	1	.....
Loss of Special Sense	1	1	.....	.....	.....	.....	.....
Uræmia	.....	.....	.....	.....	.....	.....	.....
Other Auto-Infection	.....	2	.....	1	1	2	.....
Other Bodily Diseases	53	65	.....	7	14	21	.....
HEREDITARY.							
Congenital Defect	50	67	.....	65	90	155	.....
Unascertained	512	834	.....	699	1,116	1,815	718
Not Insane	3	2	.....	2	.....	2	.....
Totals	1,199	1,680	2,879	844	1,317	2,161	718

TABLE No. 7.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch	32	85	117	.....	.....	.....
Maternal Branch	46	74	120	.....	.....	.....
Paternal and Maternal Branches	7	12	19	.....	.....	.....
Collateral Branches	37	44	81	.....	.....	.....
No Hereditary Tendency	253	286	539	.....	.....	.....
Unascertained	821	1,177	1,998	.....	.....	.....
Not Insane	3	2	5	.....	.....	.....
Totals	1,199	1,680	2,879	.....	.....	.....

TABLE No. 8.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number granted discharge	326	456	782
Discharged, Recovered	103	124	.....
" Improved	112	156	.....
" Unimproved	11	9	.....
Died	1	3	.....
Returned to Hospital	86	121	.....
Absent on Probation on Oct. 31st, 1920	13	43	.....

TABLE No. 9.

Showing the causes of death of patients who died during the year ending October 31st, 1920

Cause of Death.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Whitby Hospital.	Total.
Specific Infectious Diseases:—										
Typhoid Fever										
Influenza			1	2				1		4
Cerebro-spinal Meningitis										
Diphtheria										
Erysipelas			1					1	1	3
Septicæmia			1	1	1			6		9
Dysentery	1		2				1	1		5
Syphilis							2	1		3
Tuberculosis	12		10	5	9	6		5	2	49
Toxemia										
Jaundice										
Constitutional Diseases:—										
Rheumatism										
Arthritis Deformans										
Diabetes Mellitus										
Diseases of the Digestive System:—										
Mouth, salivary glands										
Pharynx										
Tonsils										
Œsophagus										
Enteritis										
Stomach										
Diseases of the Intestines:—										
Diseases of the Liver						1		2		3
" " Pancreas										
" " Peritoneum	1				1			1		3
Intestinal obstruction										
Diseases of the Respiratory System:—										
Diseases of the Nose and Larynx										
" " Bronchi	1		6			4		1	1	13
" " Lungs	8		11	4	16	12				51
" " Pleura				1				8		9
Diseases of the Circulatory System:—										
Diseases of the Pericardium										
" " Heart	1		5	5	5	7	2	13	2	40
Arterio-sclerosis	7		9	3	4	4	2	18		47
Aneurism						1				1
Diseases of the Blood and Ductless Glands:—										
Anæmia										
Pernicious Anæmia	1		1		2	1				5
Leucæmia										
Exophthalmic Goitre	2		4							6
Diseases of the Genito-Urinary System					2	2	2	3		9
Totals.—*Carried forward*	34		51	21	40	38	9	61	6	263

TABLE No. 9.—*Continued.*

Showing the causes of death of patients who died during the year ending October 31st, 1920.

Cause of Death.	Brockville Hospital	Cobourg Hospital	Hamilton Hospital	Kingston Hospital	London Hospital	Mimico Hospital	Penetang Hospital	Toronto Hospital	Whitby Hospital	Total.
Totals.—*Brought forward*	34	....	51	21	40	38	9	61	6	263
Diseases of the Nervous System:—										
Diseases of the Nerves	....	....	1	....	....	....	....	....	....	1
" " Spinal Cord	....	....	....	....	....	....	....	....	....	....
" " Meninges	3	....	....	....	....	....	....	....	....	3
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hemorrhage, and other gross lesions)	....	....	8	2	8	4	....	3	3	28
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)	....	....	2	....	....	....	....	....	1	3
Epilepsy	6	....	4	4	6	3	....	3	....	26
Mental Diseases:—										
Exhaustion of Acute Mental Disease	5	1	10	2	3	9	1	11	1	43
Exhaustion of Chronic Mental Disease	5	....	4	....	23	1	....	....	....	33
General Paresis	5	....	2	7	8	2	....	14	1	39
Intoxications:—										
Alcoholism	....	....	1	....	....	....	....	....	....	1
Morphinism	....	....	....	....	....	....	....	....	....	....
Metallic Poisoning	....	....	....	....	....	....	1	....	....	1
Heat Stroke	....	....	....	....	....	....	....	....	....	....
Debility of Old Age	....	....	28	3	14	....	1	25	1	72
Accident	....	....	....	....	....	....	1	....	....	1
Suicide	2	....	....	1	....	....	....	3	1	7
Surgical Diseases	....	....	....	....	....	1	....	....	....	1
Gynæcological Diseases	....	....	....	....	....	....	....	....	....	....
Malignant New Growths, or Cancer	1	....	3	1	3	2	2	3	....	15
Pellagra	....	....	....	....	....	....	....	....	....	....
Unknown (died on probation)	....	....	....	....	....	....	....	....	....	....
Totals	61	1	114	41	105	60	15	123	14	534

TABLE No. 10.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium	3	6	9						
(b) Infection Delirium	1	2	3	1	3	4	1		1
(c) Post Infection Psychoses	2	1	3						
Exhaustion Psychoses:—									
(a) Collapsed Delirium	2	2	4	1	4	5	1	3	4
(b) Acute Confusional Psychoses	5	18	23	4	9	13		9	9
(3) Neurasthenia	9	6	15	7	8	15		1	1
(d) Psychasthenia									
Intoxication Psychoses. .—									
(a) Acute Intoxications	3	5	8	3	3	6			
(b) Chronic Intoxications	2	1	3	1		1			
(a) Alcoholism (acute and chronic)	22	2	24	20	1	21			
(b) Delirium Tremens	1		1	1		1			
(c) Korsakow's Psychoses		1	1						
(d) Acute Alcoholic Hallucinosis	3		3		1	1			
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia	5	3	8		1	1			
(g) " Paresis		1	1						
(h) Morphinism	8	6	14	12	5	17			
(i) Cocainism		1	1	1		1			
(j) Pelegra									
Throigenous Psychoses. :—									
(a) Mixœdematous Psychoses	1		1						
(b) Cretinism		1	1						
(c) Hyparthyroganous									
(d) Exophthalmic Goitre									
Dementia Præcox—									
(a) Hebaphrenic	211	286	497	43	35	78	24	15	39
(b) Catatonic	286	354	640	82	92	174	32	43	75
(c) Paranoid	133	323	456	28	38	64	15	14	29
General Paresis	78	16	94	13	3	16	41	6	47
Organic Dementias:—Traumalie									
(a) Cerebral Sclerosis	2	1	3		1	1			1
(b) Huntingdon's Chorea	3	3	6						
(c) Multiple Sclerosis	1		1						
(d) Cerebral Syphilis	2		2					1	1
(e) Tabetic Psychoses	2		2						
(f) Arterio-sclerotic Psychoses	26	7	33	4	1	5	6	6	12
(g) Cerebral Tumor, Abscess, Hæmorrhage	9	3	12	2		1	1	1	2
(h) Tramutic Dementia									
(i) Sunstroke									
Involution Psychoses:—									
(a) Melancholia	16	67	83	10	31	41	7	19	26
(b) Pre-senile Delusional Psychoses	3	9	12	7	6	13	3	3	6
(c) Senile Dementia	64	178	242	14	26	40	50	72	122
(d) Presbyphrenia									
Totals.—*Carried Forward*	903	1,303	2,206	254	268	522	181	193	374

TABLE No. 10.—*Continued*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Totals—*Brought Forward*	903	1,303	2,206	254	268	522	181	193	374
Manic Depressive Psychos:—									
(a) Manic States	84	138	222	55	73	128	30	28	58
(b) Depressed States	82	87	169	40	65	105	12	15	27
(c) Mixed States	7	7	14	5	8	13	3	2	5
(d) Paranoia	3	1	4	2	2	4	....	....	....
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	33	22	55	14	10	24	14	6	20
(b) Hysterical Psychoses	....	4	4	....	4	4	....	....	....
(c) Sexualis Pyschopathia	1	....	1	6	5	11	....	....	....
(d) Post Apoleptic	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development:—									
(a) Imbecility	73	100	173	18	10	28	6	7	13
(b) Idiocy	1	3	4	....	....	....	....	....	....
(c) Hypochondriac	....	....	....	....	....	....	....	....	....
Not Diagnosed	7	13	20	6	12	18	23	13	36
Not Insane	5	2	7	5	2	7	....	....	....
Totals	1,199	1,680	2,879	405	459	864	270	264	534

TABLE No. 11.

Periods	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on October 31st, 1920.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month	238	149	23	22	17	52
From 1 to 2 months	110	309	29	8	4	31
" 2 " 3 months	119	286	24	11	4	26
" 3 " 4 "	69	105	29	20	2	22
" 4 " 5 "	57	73	39	34	4	32
" 5 " 6 "	78	154	36	35	4	26
" 6 " 9 "	133	201	69	80	1	28
" 9 " 12 "	165	843	47	64	2	33
" 12 " 18 "	149	277	29	53	1	36
" 18 months to 2 years	77	161	45	26	2	27
" 2 to 3 years	154	315	9	23	.....	26
" 3 " 4 "	123	319	4	13	1	24
" 4 " 5 "	136	290	2	11	.....	22
" 5 " 10 "	391	898	7	15	1	44
" 10 " 15 "	163	608	2	1	.....	23
" 15 " 20 "	165	664	1	3	.....	33
" 20 years and upwards	224	852	.....	.....	.....	49
Unknown	328	.....	.....	.....	.....	.....
Totals	2,879	6,504	395	420	43	534

NOTE—This total must agree with the total admissions of the year.

TABLE

Showing the general movement and result of treatment of patients in the Hospitals 1882, to the 31st

	Average daily Population			Number of patients admitted.			Number of patients recovered.			Patients discharged improved, unimproved and deported.		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Av for 5 years 1882-1886...	**1,312**	**1,330**	**2,642**	**264**	**234**	**498**	**82**	**87**	**169**	**36**	**40**	**76**
Av. for 5 years 1887-1891...	**1,586**	**1,532**	**3,118**	**314**	**306**	**620**	**88**	**85**	**173**	**38**	**46**	**84**
Av, for 5 years 1892-1896...	**1,894**	**1,932**	**3,826**	**354**	**394**	**748**	**106**	**111**	**217**	**44**	**55**	**99**
1897.....	2,097	2,157	4,254	507	398	905	107	116	223	42	52	94
1898.....	2,153	2,215	4,368	349	411	759	122	129	251	54	59	113
1899.....	2,183	2,258	4,441	368	343	711	116	145	261	48	47	95
1900.....	2,197	2,288	4,485	352	370	722	121	133	254	28	44	72
1901.....	2,236	2,368	4,604	372	370	740	145	130	275	26	31	57
Av. for 5 years 1897-1901...	**2,173**	**2,257**	**4.430**	**389**	**379**	**767**	**122**	**131**	**253**	**40**	**46**	**86**
1902.....	2,249	2,461	4,710	381	578	959	121	139	260	51	61	112
1903.....	2,283	2,490	4,773	404	416	820	146	176	322	41	60	101
1904.....	2,346	2,551	4,897	486	537	1,023	146	156	302	39	60	99
1905.....	2,396	2,616	5,012	511	538	1,049	149	166	315	64	57	121
1906.....	2,478	2,699	5,177	517	568	1,085	142	172	314	79	76	155
Av. for 5 years 1902-1906...	**2,350**	**2,564**	**4,914**	**456**	**527**	**983**	**141**	**162**	**303**	**55**	**63**	**118**
1907.....	2,511	2,747	5,258	568	528	1,096	146	166	312	118	97	215
1908.....	2,586	2,814	5,400	577	547	1,124	115	109	224	147	99	246
*1909.....	2,629	2,871	5,500	438	405	843	152	125	277	100	97	197
1910.....	2,662	2,879	5,541	567	573	1,140	146	169	315	126	138	264
1911.....	2,708	2,884	5,592	560	580	1,140	135	164	299	138	142	280
Av. for 5 years 1907-1911...	**2,619**	**2,839**	**5,448**	**542**	**527**	**1,069**	**139**	**147**	**286**	**126**	**114**	**240**
1912.....	2,748	2,934	5,682	653	594	1,247	141	155	296	171	148	319
1913.....	2,832	2,990	5,822	710	627	1,337	167	147	314	181	163	344
1914.....	2,877	3,042	5,919	684	667	1,351	203	163	366	220	198	418
1915.....	2,884	3,088	5,972	689	615	1,304	146	147	293	159	182	341
1916.....	2,936	2,993	5,929	738	676	1,414	184	165	349	158	168	326
Av. for 5 years 1912-1916...	**2,856**	**3,009**	**5,865**	**695**	**636**	**1,331**	**168**	**156**	**324**	**178**	**172**	**390**
1917.....	2,993	3,039	6,032	918	726	1,644	206	196	402	174	181	355
1918.....	3,058	3,076	6,134	740	720	1,460	175	174	349	198	162	360
1919.....	2,965	3,098	6,063	769	745	1,514	187	198	385	184	188	372
1920.....	2,918	3,335	6,253	1,199	1,680	2,879	185	190	375	228	259	487

* 10 months ending October 31st, 1909.

No. 12.

for the Insane of the Province during the thirty-eight years from January 1st, October, 1920.

Number of patients who died.			Percentage of recoveries to average daily population.			Percentage of deaths to average daily population.			Number of patients remaining in Hospitals at end of each year.		
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
91	**63**	**154**	**6.25**	**6.54**	**6.39**	**6.94**	**4.74**	**5.83**	**1,329**	**1.446**	**2.775**
88	**83**	**171**	**5.56**	**5.88**	**5.55**	**5.56**	**5.42**	**5.48**	**1.600**	**1,601**	**3,201**
124	**93**	**217**	**5.59**	**5.75**	**5.67**	**6.55**	**4.82**	**5.69**	**1,910**	**1.955**	**3,865**
145	117	262	5.10	5.38	5.24	6.91	5.42	6.17	2,116	2,163	4,279
130	108	238	5.67	5.88	5.77	6.04	4.88	5.46	2,152	2,236	4,388
160	132	292	5.31	6.42	5.87	7.28	5.85	6.57	2,176	2,251	4,427
136	133	269	5.51	5.82	5.67	6.19	5.81	6.00	2,198	2,300	4,498
150	107	257	6.48	5.47	5.97	6.70	4,52	5,61	2,236	2,368	4,604
144	**120**	**264**	**5.61**	**5.79**	**5.70**	**6.22**	**5.29**	**5.96**	**2,175**	**2,264**	**4,439**
158	129	287	5.38	5.65	5.52	7.02	5.24	6.09	2,248	2,464	4,712
150	139	289	6.39	7.07	6.75	6.57	5.58	6.05	2,287	2,492	4,779
172	163	335	6.22	6.12	6.18	7.35	6.39	6.84	2,328	2,543	4,871
141	147	288	6.22	6.34	6.28	5.88	5.62	5.75	2,435	2,657	5,092
173	184	357	5,73	6.37	6.06	5.73	6.37	6.06	2,491	2,720	5,211
159	**152**	**311**	**5.99**	**6.31**	**6.15**	**6.51**	**5.84**	**6.18**	**2,358**	**2,575**	**4,933**
197	176	373	5.82	6.04	6.01	7.84	6.41	7.09	2,549	2,765	5.314
193	158	351	4.45	3.87	4.15	7.46	5.61	6.50	2,614	2,877	5,491
132	127	259	5.89	4.38	5.11	5.02	4.42	4.71	2,634	2,897	5.531
174	164	338	5.48	5.87	5.69	6.54	5.69	6.10	2,688	2,921	5,609
200	215	415	4.99	5.68	5.33	7.38	7.45	7.42	2,715	2,925	5,640
179	**168**	**347**	**5.30**	**5.17**	**5.25**	**6.85**	**5.92**	**6.38**	**2,640**	**2,877**	**5,517**
241	219	460	5.13	5.29	5.21	8.77	7,46	8.09	2,769	2,957	5,726
213	195	408	5.89	4.82	5.38	7.52	6.52	6.99	2,881	3,031	5,912
219	195	414	7.06	5.36	6.18	7.54	6.40	7.00	2,882	3,104	5,986
282	233	515	5.07	4.76	5.06	9.78	7.54	8.62	2,924	3,116	6.040
240	248	488	6.23	5.51	5.88	8.17	8.28	8.23	2,877	3,025	5,902
239	**218**	**457**	**5.86**	**5.13**	**5.54**	**8.36**	**7.24**	**7.78**	**2,867**	**3,047**	**5,914**
287	227	514	6.88	6.45	6.66	9.59	7.47	8.52	3,062	3,091	6,153
328	316	644	5.73	5.66	5.78	10.07	10.02	10.07	3,036	3,136	6,172
346	266	612	6.30	6.33	6.32	11.40	8.58	9.99	3,035	3,207	6,242
270	264	534	6.00	6.00	6.00	7.67	8.97	8.50	3,067	3,437	6,504

TABLE No. 13.

Showing the percentage of recoveries on the average population and admissions for the year ending October 31st, 1920.

Hospitals.	On average population.			On admission.		
	Average population.	Recovered.	Percentage	Admission.	Recovered.	Percentage
Brockville	829	53	6.32	205	53	25.8
Cobourg	232	.....	.....	328	.....	.....
Hamilton	1,402	37	2.64	287	37	12.8
Kingston	580	61	10.5	167	61	36.5
London	1,228	83	6.76	274	83	30.3
Mimico	637	45	7.00	158	45	27.1
Penetang	362	.....	.....	7	.....	.....
Toronto	751	90	11.8	536	90	16.8
Whitby	222	6	.....	917	6	.07
Totals	6,253	375	6.00	2,879	375	13.0

TABLE No. 14.

Showing summary of discharges during the year.

	Male.	Female.	Total.
Discharged, Recovered	185	210	395
" Improved	193	227	420
" Unimproved	22	21	43
" Deported	13	11	24
" Eloped	56	3	59
" Not Insane	5	1	6
Total Number of Discharges	474	473	947

TABLE No. 15.

Deaths in Hospitals

Hospitals.	No. of deaths.	Daily average population.	Percentage o deaths on daily average population.
Brockville	61	829	7.36
Cobourg	1	232	.043
Hamilton	114	1,402	8.13
Kingston	41	580	7.07
London	105	1,228	8.55
Mimico	60	637	9.42
Penetang	15	362	4.14
Toronto	123	761	16.16
Whitby	14	222	6.30
	534	6,253	8.50

TABLE No. 16.

The following table shows the number of beds in each of the Hospitals, number in residence, number of vacancies, over population and applications on file at close of official year.

Ontario Hospitals.	Number of beds.			Number in residence on 31st, October 1920.			Number of vacancies.			Over population.			Applications on file.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total
Brockville	386	378	864	379	380	759	7	.....	7	.....	2	2	.....	.....	.....
Cobourg	.....	378	378	.....	327	327	.....	51	51	.....	.....	.....	.....	.....	.....
Hamilton	656	639	1295	639	582	1,221	17	57	74	.....	.....	.....	5	6	11
Kingston	311	268	579	322	268	590	.....	.....	.....	11	.....	11	3	2	5
London	511	555	1,066	590	596	1,186	.....	.....	.....	79	41	120	.....	.....	.....
Mimico	300	300	600	311	308	619	.....	.....	.....	11	8	19	16	16	32
Penetang	166	203	369	158	196	354	8	7	15	.....	.....	.....	.....	.....	.....
Toronto	426	426	852	251	330	581	175	96	271	.....	.....	.....	7	6	13
Whitby	500	500	1,000	417	450	867	83	50	133	.....	.....	.....	31	30	61
Totals	3,256	3,647	6,903	3,067	3,437	6,504	290	261	551	101	51	152	62	60	122

TABLE NO. 17.

Showing the number of officers and employees in each of the Hospitals, classified according to the duties performed.

Occupation.	Cobourg Hospital.	Brockville Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Whitby Hospital.	Total.
Medical Superintendents	1	1	1	1	1	1	1	1	1	9
Physicians	1	2	3	2	4	2	1	2	3	20
Superintendent of Nurses	1	1	1	1	1	1	1	1	1	9
Graduates of Ontario Training School	1	7	11	2	7	7	....	10	5	50
Undergraduates	16	27	23	41	31	20	....	26	39	223
Practical Nurses	5	1	1	....	15	....	13	3	2	40
Chief Attendants, Male	....	1	3	1	4	1	1	1	1	13
Supervisors, Male	....	6	12	7	7	6	2	6	11	57
Attendants, Male	1	33	43	27	34	25	6	18	19	206
Bursar	1	1	1	1	1	1	1	1	1	9
Matron and Assistants	2	1	3	....	2	1	1	1	1	12
Office Staff (Clerks and Stenographers)	2	6	3	2	4	5	2	5	10	39
Domestic Help (cooks, etc)	6	16	21	10	25	10	8	14	10	120
Tradesmen	2	10	17	10	15	8	6	7	10	85
Engineers, Stokers and Assts.	4	9	13	7	12	6	5	7	8	71
Farmers and Gardeners	1	3	2	3	3	1	2	1	3	19
Farmers and Gardeners Assts	1	11	15	3	10	7	4	....	14	65
Storekeeper and Assistants	....	2	3	1	2	1	....	3	2	14
Dentist	....	....	1	....	1	1	....	1	....	4
	45	138	177	119	179	104	54	108	141	1,065

TABLE No. 18.

Statement of Revenue from Paying Patients and Farm and Miscellaneous Revenue.

Hospital.	No. of Paying Patients.	From Paying Patients.	From Farm and Miscellaneous.	Total.
		$ c.	$ c.	$ c.
Brockville	....	41,011 02	20,934 94	61,945 96
Cobourg	....	588 15	1,557 59	2,145 74
Hamilton	....	77,202 02	26,321 80	103,523 82
Kingston	....	38,953 59	10,997 79	49,951 38
London	....	65,681 67	42,573 08	108,254 75
Mimico	....	32,851 15	15,387 82	48,238 97
Penetanguishene	....	4,154 31	12,050 93	16,205 24
Toronto	....	47,572 69	17,861 59	65,434 28
Whitby	....	18,336 29	21,623 93	39,960 22
Totals	....	326,350 89	169,309 47	495,660 36
Revenue from Railway Taxation, under 6 Edward VII., cap. 9, sec. 4, sub-sec. 2	....	....	....	127,330 00
	....	....	....	622,990 36

TABLE No 19

Comparative Statement of Revenue.

The following statement shows the revenue received from the Hospitals for each year since 1871 together with the number of paying patients in the Hospitals from year to year.

——	No. of Paying Patients.	Revenue.	Increase.	Decrease.
		$ c.	$ c.	$ c.
For the year ending September 30, 1871	118	14,045 30		
" " 1872	139	19,255 80	5,219 50	
" " 1873	171	16,660 61		2,595 19
" " 1874	182	20,035 77	3,376 15	
" " 1875	231	21,875 92	1,840 15	
" " 1876	256	21,175 93		699 99
" " 1877	323	28,093 58	6,917 65	
" " 1878	334	30,103 75	2,010 17	
" " 1879	343	32,398 26	2,794 51	
" " 1880	387	37,653 81	4,755 55	
" " 1881	414	41,066 54	3,412 73	
" " 1882	475	43,937 64	2,871 10	
" " 1883	538	59,922 59	15,984 95	
" " 1884	496	48,135 18		11,787 41
" " 1885	509	49,620 93	1,485 73	
" " 1886	516	53,030 05	4,309 12	
" " 1887	514	48,742 53		4,287 52
" " 1888	538	59,638 16	10,895 08	
" " 1889	708	66,670 64	7,032 48	
" " 1890	562	62,754 16		3,916 48
" " 1891	577	48,507 52		14,246 14
" " 1892	632	73,240 61	14,733 19	
" " 1893	661	73,415 54	174 93	
" " 1894	697	72,722 04		693 50
" " 1895	743	68,290 31		4,431 73
" " 1896	904	97,898 19	29,607 88	
" " 1897	844	100,581 25	2,683 06	
" " 1898	770	72,042 44		28,538 81
" " 1899	778	74,364 54	2,322 10	
" " 1900	846	81,650 87	7,286 33	
" " 1901	902	90,677 46	9,026 59	
" " 1902	959	101,076 20	103,98 74	
" " 1903	1,029	97,416 03		3,660 17
" " 1904	1,111	106,167 49	8,751 46	
" " 1905	1,211	114,915 59	8,748 10	
For the 3 mos. ending December 31, 1905		54,897 06	27,403 60	
For the year ending December 31, 1906	1,732	165,404 08	50,488 49	
" " 6107	1,797	166,419 63	1,015 55	
" " 1908	1,878	146,148 77		3,739 24
For the 10 mos. ending October 31, 1909	1,613	140,048 18		
" year " 1910	1,891	168,914 54		
" " " 1911	1,890	183,077 18	14,162 64	
" " " 1912	1,963	189,096 93	6,019 75	
" " " 1913	1,976	205,649 41	16,552 48	
" " " 1914	2,110	213,517 87	7,868 46	
" " " 1915	2,167	225,178 83	11,660 96	
" " " 1916	2,209	236,805 83	11,627 00	
" " " 1917	2,214	237,394 28	588 45	
" " " 1918	2,268	260,969 00	23,574 72	
" " " 1919	2,374	288,647 57	27,678 57	
" " " 1920	2,526	326,350 89	37,703 32	

TABLE No. 20

STATEMENT.

Showing the Expenditure on Maintenance under the different headings of the estimates for the year ending October 31st, 1920.

Headings of Estimates.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang. Hospital.	Toronto Hospital.	Whitby Hospital.
	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
School Section	100 00	.....	100 00	100 00	.....	.....	250 00	.....	.....
Medicines and medical comforts	3,551 99	310 44	6,170 14	4,722 89	4,494 51	3,397 47	857 67	3,360 64	5,907 89
Groceries, provisions and butchers' cattle	87,777 94	6,437 01	119,333 02	69,409 75	119,879 50	59,439 19	30,103 10	104,045 67	66,632 30
Fuel, light and water	38,725 50	17,593 87	39,143 56	42,975 62	59,966 97	27,508 90	22,920 43	34,734 50	44,391 19
Clothing	20,503 81	3,225 16	19,951 75	14,070 84	32,509 07	16,892 40	10,797 74	13,866 62	29,324 83
Laundry and cleanin	5,253 36	585 98	6,435 08	4,936 07	9,547 04	5,924 57	5,629 74	7,309 05	14,161 85
Furniture and furnishings	11,440 89	3,543 74	17,978 12	10,830 06	27,658 56	12,690 85	3,338 57	14,431 25	14,686 80
Office expenses	1,754 83	48 58	1,740 71	1,250 93	1,508 57	1,064 25	216 71	1,006 70	1,334 88
Farm expenses	14,865 33	259 18	16,489 57	6,185 48	16,351 77	4,494 24	5,322 38	1,317 06	14,816 21
Contingencies	2,344 29	492 77	3,407 79	2,374 96	4,190 99	1,808 06	607 73	2,823 14	3,378 75
Total expense	186,317 94	32,496 73	230,749 74	156,856 60	276,106 98	133,219 93	80,044 07	182,894 63	194,634 70
Salaries	104,238 99	9,537 68	134,129 46	81,451 06	134,763 73	76,137 04	45,021 77	78,025 90	85,879 77
Grand Totals	290,556 93	42,034 41	364,879 20	238,307 66	410,870 71	209,356 97	125,065 84	260,920 53	280,514 47

TABLE

Comparative Statement of Average Maintenance Cost per Capita

	Brockville		Hamilton		Kingston	
	1920	1919	1920	1919	1920	1919
Days' residence of patients	291,443		446,125		209,016	
Average number of patients	796.29		1,218.92		571.08	
	Cents.	Cents.	Cents.	Cents.	Cents	Cents
MEDICINES	**1.22**	**.82**	**1.38**	**.37**	**2.26**	**.54**
PROVISIONS	**24.61**	**20.10**	**21.60**	**20.90**	**26.32**	**22.13**
Breakfast Foods and Cereals	82.	.65	.83	.72	.59	.50
Butter	2.58	2.37	3.02	3.79	3.99	3.23
Coffee and Tea	.72	.72	.63	.65	.67	.41
Eggs	.97	.65	.103	.92	.62	.62
Flour, Bread, Etc	4.29	3.60	4.45	3.97	4.20	3.74
Fruit and Vegetables—Fresh	.92	.70	1.00	.80	1.31	.78
" " Canned and Dried	1.29	.81	1.24	.92	1.43	1.14
Milk	2.26	2.02	1.55	1.48	2.70	1.33
Potatoes	1.23	.73	1.50	.83	1.42	.84
Salt, Spices, Pickles, Etc	.12	.15	.10	.06	.18	.17
Sugar and Syrup	2.10	1.28	1.42	1.08	1.76	1.31
Unenumerated Groceries	1.33	1.60	.64	1.62	.69	1.57
Butchers' Meat	5.57	4.40	3.36	3.31	5.84	5.65
Fish and Fowl	.41	.42	.83	.75	.92	.84
FUEL, LIGHT AND WATER	**14.34**	**12.50**	**13.95**	**9.32**	**15.82**	**16.30**
Coal and Wood	12.56	10.85	12.24	7.56	15.42	16.04
Electricity	.13	.13	.31	.35	.16	.....
Gas	.47	.22	.25	.26	.....	.....
Oil, Candles, Matches, Etc	.13	.15	.08	.08	.11	.13
Water	1.05	1.15	1.07	1.07	.13	.13
CLOTHING	**6.79**	**4.52**	**3.86**	**2.75**	**6.73**	**5.55**
Clothing—Dry Goods	5.42	3.76	3.34	2.37	5.89	4.74
Boots, Shoes, Etc	1.37	.76	.52	.38	.84	.81
LAUNDRY AND CLEANING	**1.70**	**1.26**	**1.20**	**.87**	**2.05**	**1.67**
Brushes, Brooms and Mops	.26	.20	.18	.12	.43	.37
Miscellaneous Expenses	.30	.26	.38	.25	.33	.52
Soap	1.14	.80	.64	.50	1.29	.78
FURNITURE AND FURNISHINGS	**3.23**	**4.90**	**3.81**	**2.46**	**6.72**	**5.58**
OFFICE EXPENSES	**.58**	**.55**	**.39**	**.35**	**.60**	**.43**
Miscellaneous Items	.18	.18	.14	.12	.26	.16
Postage	.22	.22	.13	.14	.19	.15
Telephone and Telegraph	.18	.15	.12	.09	.15	.12
SALARIES	31.49	**25.78**	**25.76**	**18.94**	**34.45**	**25.52**
Superintendent and Physicians	2.44	1.84	2.25	1.66	3.70	1.82
Bursar and Assistants	2.30	1.81	1.79	1.58	2.51	2.26
Matron and Assistants	4.42	3.92	3.55	2.92	2.98	2.87
Engineer and Assistants	3.07	2.61	2.88	1.86	3.37	2.83
Artisans, not Domestic	1.28	1.22	1.35	.90	1.78	1.60
Farm and Garden	3.93	2.60	2.48	1.95	1.86	1.89
Teachers	.....	.....	.....	.....	.....	.....
Attendants and Nurses	14.93	11.62	11.41	7.95	18.18	11.89
Temporary Assistance	.02	.16	.05	.12	.07	.37

No. 21

per Day for the Twelve Months ending 31st October, 1920.

London		Mimico		Orillia		Penetang		Toronto		Woodstock	
1920	1919	1920	1919	1920	1919	1920	1919	1920	1919	1920	1919
408,416		224,693		353,972		131,609		257,163		72,633	
1,115.,89		613.92		967.14		359.56		702.63		198.45	
Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
1.10	**.37**	**1.51**	**.61**	**.83**	**.55**	**.65**	**.32**	**1.31**	**.39**	**1.57**	**.97**
23.35	**18.34**	**22.76**	**19.82**	**16.05**	**13.78**	**20.24**	**15.52**	**28.23**	**22.95**	**24.22**	**21.05**
.55	.42	.88	.75	.71	.67	.47	.38	.45	.37	.58	.48
3.00	2.66	4.12	3.40	2.34	1.90	2.75	2.15	4.46	3.90	3.43	3.16
.97	.87	.55	.52	.68	.40	1.08	.81	.92	.58	.86	73
.54	.34	1.34	.72	.57	.30	.06	.05	1.13	.72	.09	.10
4.20	3.35	4.53	3.91	4.66	4.02	4.85	3.70	3.46	3.55	4.35	3.90
1.41	.56	.88	.94	.53	.57	.86	.43	.66	.83	1.19	.79
.60	.36	.78	.41	.82	.71	1.02	.86	1.14	.78	1.71	1.51
1.86	1.48	1.81	1.52	1.43	.91	2.33	1.71	4.86	3.21	3.63	3.69
1.41	.42	.36	.26	.19	.35	.63	.68	1.88	1.14	1.39	1.04
.09	.07	.11	.12	.07	.08	.04	.03	.13	.12	.03	.07
2.17	1.34	2.31	1.32	1.06	.70	.85	.52	2.34	1.34	2.77	1.70
1.03	1.52	.35	1.10	.97	1.15	.88	1.02	1.04	1.25	.73	.80
5.07	3.97	3.55	3.92	1.56	1.48	3.79	2.03	4.91	4.15	2.29	2.04
.45	.98	1.19	.93	.46	.54	.63	1.15	.85	1.01	1.17	1.04
11.18	**8.68**	**12.53**	**11.50**	**9.85**	**8.01**	**10.73**	**13.15**	**18.92**	**8.28**	**12.72**	**11.64**
10.21	8.00	11.88	10.93	9.15	7.35	8.86	11.51	15.46	5.88	9.49	8.39
.45	.50	.47	.43	.52	.50	.42	.34	.64	.36	.75	.68
.14	.10	.....	.....	.....	.....	.....	.....	.61	.42	.....	.....
.07	.08	.18	.14	.05	.03	.03	.08	.07	.05	.07	.12
.31	.....	.....	.....	.13	.13	1.42	1.22	2.14	1.57	2.41	2.45
6.33	**3.76**	**6.23**	**3.69**	**6.71**	**4.51**	**6.54**	**5.05**	**4.49**	**3.27**	**1.30**	**.70**
5.21	3.15	5.55	3.14	5.24	3.53	5.18	3.97	3.72	2.92	.97	.43
1.12	.61	.68	.55	1.47	.98	1.36	1.08	.77	.35	.33	.27
1.71	**1.58**	**2.09**	**1.60**	**1.82**	**1.17**	**3.60**	**.83**	**2.44**	**1.53**	**2.31**	**1.93**
.25	.22	.35	.30	.36	.19	.15	.10	.19	.18	.27	.24
.31	.44	.47	.33	.26	.21	2.99	.19	.44	.34	.95	.80
1.15	.92	1.27	.97	1.20	.77	.46	.54	1.81	1.01	1.09	.89
6.10	**4.40**	**5.62**	**3.42**	**3.64**	**2.42**	**2.50**	**2.04**	**5.73**	**4.29**	**4.32**	**1.86**
.38	**.36**	**.46**	**.35**	**.29**	**.29**	**.16**	**.17**	**.38**	**.20**	**.46**	**.42**
.17	.19	.15	.08	.08	.07	.03	.05	.11	.04	.11	.13
.12	.11	.15	.13	.14	.16	.05	.05	.09	.05	.15	.12
.09	.06	.16	.14	.07	.06	.08	.07	.18	.11	.20	.17
27.72	**20.13**	**27.74**	**21.64**	**18.82**	**14.03**	**27.04**	**22.89**	**26.94**	**17.95**	**34.83**	**29.34**
2.06	1.51	3.00	2.48	2.32	1.81	3.42	3.16	2.54	2.03	6.33	5.98
1.61	1.48	2.70	1.56	1.27	1.02	2.31	2.23	2.72	1.70	3.06	3.06
3.87	2.91	3.37	2.84	3.23	2.68	4.04	3.54	4.24	2.68	5.23	3.90
2.99	2.28	2.37	1.86	1.81	1.19	2.78	2.13	2.98	1.65	2.28	1.76
1.29	.98	1.17	.92	.70	.61	2.83	2.29	1.58	.90	1.41	1.37
2.20	1.86	1.85	1.67	1.62	1.30	2.80	2.46	.57	.44	.643	5.73
.....	.....	.....	.....	.66	.49	.....	.....	.....	.....	.....	.....
13.70	9.11	13.24	10.20	7.21	4.92	8.81	6,77	12.30	8.30	10.05	7.27
.....	.....	.04	.11	.....	.01	.05	.31	.01	.25	.04	.27

TABLE

Comparative Statement of Average Maintenance Cost per Capita

	Brockville		Hamilton		Kingston	
	1920	1919	1920	1919	1920	1919
Days' residence of patients	291,443		446,125		209,016	
Average number of patients	796.29		1,218.92		571.08	
	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
ALLOWANCES	**10.39**	**8.30**	**9.48**	**6.66**	**11.15**	**7.68**
Employees' Meals	9.68	7.62	8.92	6.41	10.21	7.28
" Uniforms	.56	.51	.46	.24	.90	.35
" Other Allowances	.15	.17	.10	.01	.04	.05
FARM AND GARDEN	**8.65**	**7.80**	**6.12**	**5.25**	**3.78**	**3.79**
Feed and Fodder	.665	5.71	4.84	3.95	2.34	2.53
Miscellaneous Farm Expenses	1.46	1.60	1.02	1.03	.89	.83
Seeds, Etc	.54	.49	26	.27	.55	.43
CONTINGENCIES	**.83**	**.85**	**.88**	**1.80**	**1.18**	**.92**
Amusements, Religion, Education	.22	.24	.07	.06	.30	.18
Elopers, Cost of Recovery		.03		.03		.07
Freight, Duties, Etc	.13	.12	.07	.05	.22	.28
Ice	.05	.07	.10	1.09		
Incidental Expenses	.37	.30	.54	.52	.53	.33
Officers' Travelling Expenses	.06	.09	.10	.05	.13	.06
Per Capita Cost, less Salaries	61.95	53.30	53.19	44.07	65.46	56.91
" " " of Salaries	41.88	34.08	35.24	25.60	45.60	33.20
Gross per Capita cost	**103.83**	**87.38**	**88.43**	**69.67**	**111.06**	**90.11**
Less total recovery per Capita	24.70	24.11	27.87	23.62	21.61	18.21
Net per. Capita cost	**79.13**	**63.27**	**60.56**	**46.05**	**89.45**	**71.90**
Buildings	6.50	3.53	3.36	2.19	7.80	5.36
Engineers	3.60	1.76	2.04	1.48	6.05	4.95
Live Stock, Vehicles, Etc	1.08	1.00	.73	.64	.96	.61
Total	**11.18**	**6.29**	**6.13**	**4.31**	**14.81**	**10.92**
Total per Capita burden payable by Province	**90.31**	**69.56**	**66.69**	**50.36**	**104.26**	**82.82**

N.B.—The accompanying is a Comparative Statement of the cost of maintenance per patient per day for the twelve months ending 31st October, 1920, in the nine Hospitals for the Insane, as compared with the twelve months ending 31st October, 1919, based on actual consumption and calculated to two places of decimals of a cent. The figures in black-faced type represent totals.

Under the headings "Provisions" and "Clothing" is shown the actual consumption by patients—the value of such supplies to officers, attendants, nurses and employees being included under the heading "Allowances."

Where no charge is shown for light or water, these are included in the cost of coal.

NO 21—*Concluded*

per Day for the Twelve Months ending 31st October, 1920.—*Concluded*

London		Mimico		Orillia		Penetang		Toronto		Woodstock	
1920	1919	1920	1919	1920	1919	1920	1919	1920	1919	1920	1919
408,416		224,693		353,972		131,609		257,163		72,633	
1,115.89		613.92		967.14		359.56		702,73		198.45	
Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
9.95	**5.46**	**8.45**	**6.49**	**5.26**	**3.93**	**7.21**	**6.21**	**7.49**	**4.12**	**10.69**	**10.10**
8.92	5.12	6.51	5.82	4.86	3.84	6.73	5.75	6.62	3.88	9.93	8.88
1.00	.31	. 63	.38	.30	.08	.37	.31	.80	.22	.09	.20
.03	.03	1.31	.29	.10	.01	.11	.15	.07	.02	.67	1.02
6.05	**5.61**	**4.82**	**4.04**	**3.29**	**2.52**	**6.16**	**5.53**	**.52**	**.39**	**13.81**	**13.39**
4.82	4.53	3.48	2.71	2.29	1.55	4.72	4.67	.19	.13	10.40	9.99
.67	.64	.89	.90	.76	.50	.89	.54	.30	.25	2.49	2.26
.56	.44	.45	.43	.24	.47	.55	.32	.03	.01	.92	1.14
.75	**.81**	**.67**	**.75**	**.76**	**.49**	**.67**	**.65**	**1.10**	**.75**	**.45**	**.35**
.12	.07	.09	.10	.27	.16	.08	.06	.12	.08	.18	.19
.....	.04	.....	.01	.....	.....	.....	.02	.....	.01	.....	.....
.08	.05	.12	.08	.23	.17	.18	.16	.08	.09	.12	.08
.01	.36	.04	.26	.....	.....	.....	.....	.43	.32	.01	.....
.41	.26	.42	.29	.20	.12	.34	.31	.46	.22	.05	.02
.13	.03	.....	.01	.06	.04	.07	.10	.01	.03	.09	.06
56.95	43.91	56.69	45.78	43.24	33.74	51.25	43.26	63.12	42.05	61.16	52.31
37.67	25.59	36.19	28.13	24.08	17.96	34.25	29.10	34.43	22.07	45.52	39.44
94.62	**69.50**	**92.88**	**73.91**	**67.32**	**51.70**	**85.50**	**72.36**	**97.55**	**64.12**	**106.68**	**91.75**
26.47	24.92	24.03	22.06	13.69	10.16	12.61	9.30	22,13	16.12	61.00	56.46
68.15	**44.58**	**68.85**	**51.85**	**53.63**	**41.54**	**72.89**	**63.06**	**75.42**	**48.00**	**45.68**	**35.29**
4.52	2.72	4.83	1.92	2.00	1.63	3.01	2.66	.97	1.63	9.85	2.31
3.28	2.98	3.48	1.86	1.91	1.63	3.63	4.52	.93	1.03	4.59	1.29
.73	.47	.05	.26	.60	.71	.87	1.38	.10	.03	3.08	3.56
8.53	**6.17**	**8.36**	**4.04**	**4.51**	**3.97**	**7.51**	**8.56**	**2.00**	**2.69**	**17.52**	**7.16**
76.68	**50.75**	**77.21**	**55.89**	**58.14**	**45.51**	**80.40**	**71.62**	**77.42**	**50.69**	**63.20**	**42.45**

TABLE

Comparisons, Appropriations, Expenditures, Consumption, Population

		Brockville	Hamilton	Kingston
Days' residence of patients		291,443	446,125	209,016
Average number of patients		796 29	1,218.92	571.08
Medicines	Appropriation	$3,600 00	$6,300 00	$5,000 00
	Expenditure	**3,551 99**	**6,170 14**	**4,722 89**
	Consumption	3,556 19	6,172 99	4,722 89
Provisions	Appropriation	90,000 00	125,000 00	75,000 00
	Expenditure	**87,777 94**	**119,333 02**	**69,409 75**
	Consumption	71,721 39	96,380 31	55,016 68
Fuel, light and Water	Appropriation	40,000 00	40,000 00	43,500 00
	Expenditure	**38,725 50**	**39,143 56**	**42,975 62**
	Consumption	41,780 25	62,264 79	33,073 68
Clothing, etc	Appropriation	21,500 00	20,000 00	14,500 00
	Expenditure	**20 503 81**	**19,951 75**	**14,070 84**
	Consumption	19,789 10	17,237 31	14,070 37
Laundry, etc	Appropriation	5,500 00	6,500 00	5,000 00
	Expenditure	**5,253 36**	**6,435 08**	**4,936 07**
	Consumption	4,975 12	5,332 05	4,291 89
Furniture & Furnishings	Appropriation	15,500 00	18.000 00	15,000 00
	Expenditure	**11,440 89**	**17.978 12**	**10,830 06**
	Consumption	9,418 41	17,018 06	14,052 62
Office	Appropriation	1,800 00	2,500 00	1,500 00
	Expenditure	**1 754 83**	**1,740 71**	**1,250 93**
	Consumption	1,700 03	1,751 11	1,250 93
Salaries	Appropriation	108,389 50	138,899 50	86,202 00
	Expenditure	**104,238 99**	**134,129 46**	**81,451 06**
	Consumption	122,070 84	157,237 17	95,304 67
Farm, etc	Appropriation	15,000 00	16,500 00	7,000 00
	Expenditure	**14,865 33**	**16,489 57**	**6,185 48**
	Consumption	25,221 73	27,295 26	7,899 48
Contingencies	Appropriation	2,600 00	4,100 00	2,550 00
	Expenditure	**2,444 29**	**3,507 79**	**2,474 96**
	Consumption	2,425 09	3,926 54	2,474 96
Total Maintenance	Appropriation	303,889 50	337,799 50	255,252 00
	Expenditure	**290,556 93**	**364,879 20**	**238,307 66**
	Consumption	302,658 15	394,615 59	232,158 17
Capital Accounts	Appropriation	32,850 00	27,600 00	40,800 00
	Expenditure	**32,610 80**	**27,339 08**	**36,884 93**
Grand Total	Appropriation	336,739 50	405,399 50	296,052 00
	Expenditure	**323,167 73**	**392,218 28**	**275,192 59**
REVENUE COLLECTIONS				
From paying patients 1920		**$41,011 02**	**77,202 02**	**38,953 59**
" " 1919		32,941 11	70,099 47	27,057 61
Patients' Revenue per capita 1920	cents	**14 07**	**17 30**	**15 64**
" " " 1919	cents	11 68	15 38	13 36
From Farm and Misc. Sales 1920		**$8,485 35**	**8,003 88**	**1,511 23**
" " 1919		13,373 05	4,478 49	808 76
Farm and Misc. Revenue per capita 1920	cents	**2 91**	**1 80**	**60**
" " " 1919	cents	4 71	98	40
Revenue from Perquisites		**$12,449 59**	**18,317 92**	**9,486 56**
" " per capita		**4 27**	**4 10**	**3 81**
Total Revenue 1920		**61,945 96**	**103,523 82**	**49,951 38**
" 1919		46,314 16	74,577 96	27,866 37
Total Revenue per capita, per day 1920	cents	**21 25**	**23 20**	**20 05**
" " per day 1919	cents	16 39	16 36	13 76
Farm Production Consumption 1920	cents	**7 72**	**8 77**	**5 37**
" 1919	cents	7 72	7 26	4 45
Total Recovery per capita, 1920, not including Revenue from Perquisites	cents	**24 70**	**27 87**	**21 61**
Total Recovery per capita, 1919	cents	24 11	23 62	18 21

No. 22

and Revenue for the Twelve Months ending 31st October, 1920.

London	Mimico	Orillia	Penetang	Toronto	Woodstock
408,416	224,693	353,973	131,609	257,163	72,633
1,115 89	613 92	967 14	359 56	702 63	198 45
$4,800 00	**$3,500 00**	**$3,000 00**	**$1,000 00**	**$3,500 00**	**$1,200 00**
4,494 51	**3,397 47**	**2,944 97**	**857 67**	**3,360 64**	**1,140 64**
4,494 71	3,397 47	2,944 97	857 67	3,360 64	1,140 64
120,000 00	60,000 00	75 000,00	35,000 00	106,000 00	22,000 00
119,879 50	**59,439 19**	**64,663 13**	**30,103 10**	**104,045 67**	**20,560 40**
95,391 85	51,124 45	56,828 50	26,636 42	72,567 12	17,591 77
60,000 00	40.000 00	40,000 00	23,600 00	35,000 00	13,500 00
59,966 97	**27,508 90**	**29,090 89**	**22,920 43**	**34,734 50**	**9,867 59**
45,656 11	28.148 99	34,862 35	14,120 60	48,645 80	9,236 57
33,000 00	17,000 00	25,000 00	11,000 00	15,000 00	2,000 00
32,509 07	**16,892 40**	**24,271 98**	**10,797 74**	**13,866 62**	**807 26**
25,855 10	13,985 55	23,744 27	8,617 26	11,537 97	946 20
10,000 00	6,000 00	8,000 00	6,000 00	9,000 00	2,200 00
9,547 04	**5,924 57**	**7,992 31**	**5,629 74**	**7,309 05**	**1,818 25**
7,007 89	4,692 21	6,439 92	4,733 92	6,282 28	1,679 15
28,000 00	13,000 00	16,000 00	4,500 00	15,000 00	3,500 00
27,658 56	**12,690 85**	**13,389 06**	**3,338 57**	**14,431 25**	**2,872 89**
24,919 17	12,626 76	12,888 15	3,281 18	14,749 00	3,136 15
1,800 00	1,200 00	1,500 00	600 00	1,500 00	500 00
1,508 57	**1,064 25**	**1,025 29**	**216 71**	**1,006 70**	**330 93**
1,547 55	1,033 83	1,015 85	216 71	988 65	330 91
139,164 52	87,904 12	88,510 02	45,768 33	88,068 62	34,477 85
134,763 73	**76,137 04**	**82,298 92**	**45,021 77**	**78,025 90**	**33,161 70**
153,881 31	81,305 16	85,256 59	45,077 94	88,509 77	33,055 52
20,000 00	5,000 00	8,000 00	5,500 00	1,500 00	5,000 00
16,351 77	**4,494 24**	**7,252 13**	**5,322 38**	**1,317 06**	**4,992 87**
24,719 11	10,828 57	11,637 94	8,105 68	1,322 65	10,030 99
4,300 00	2,200 00	2,700 00	1,150 00	3,500 00	1,000 00
4,190 99	**1,808 06**	**2,699 01**	**857 73**	**2,823 14**	**325 47**
3,082 63	1,506 73	2,699 01	883 91	2,823 14	325 47
421,064 52	235,804 12	267,710 02	134,118 33	278,068 62	85,377 85
410,870 71	**209,356 97**	**235,627 69**	**125,065 84**	**260,920 53**	**75,878 00**
386,555 43	208,649 72	238,317 55	112,531 29	250,787 02	77,473 37
40,100 00	35,300 00	18,000 00	22,300 00	9,300 00	14,732 80
34,842 43	**18,790 73**	**16,034 74**	**10,263 35**	**5,152 80**	**12,735 73**
461,164 52	271,104 12	285,710 02	156,418 33	287,368 62	100,110 65
445,713 14	**228,147 70**	**251,662 43**	**135,329 19**	**266,072 33**	**88,613 73**
65,681 67	**32,851 15**	**21,018 13**	**4,154 31**	**47,572 69**	**24,263 85**
66,684 59	32,571 10	19,826 21	1,595 50	57,623 19	20,134 87
14 08	**14 62**	**5 94**	**3 15**	**18 50**	**33 41**
15 25	13 64	5 40	1 19	15 02	28 12
21,032 07	**1,569 00**	**8,669 12**	**2,620 91**	**9,102 37**	**6,247 67**
20,595 13	3,852 40	4,001 14	2,904 41	4,044 22	8,706 40
5 15	**70**	**2 45**	**2 26**	**3 55**	**8 61**
4 71	1 61	1 09	2 18	1 05	12 15
21,541 01	**13,818 82**	**15,678 56**	**9,430 02**	**8,759 22**	**7,865 50**
527	**615**	**4 43**	**6 90**	**3 40**	**10 82**
108,254 75	**48,238 97**	**45,365 81**	**16,205 24**	**65,434 28**	**38,377 02**
87,279 72	36,423 50	23,827 35	4,499 91	61,678 41	28,841 27
24 50	**21 47**	**12 82**	**12 31**	**25 45**	**52 84**
19 96	15 25	6 49	3 37	16 07	40 27
7 24	**8 71**	**5 30**	**7 20**	**08**	**18 98**
4 96	6 81	3 67	5 93	05	16 19
26 47	**24 03**	**13 69**	**12 61**	**22 13**	**61 00**
24 92	22 06	10 16	9 30	16 12	56 46

APPENDIX

TO FIFTY-SECOND ANNUAL REPORT UPON THE ONTARIO HOSPITALS FOR THE INSANE AND CONTAINING THE ANNUAL REPORTS OF THE MEDICAL SUPERINTENDENTS OF THE HOSPITALS IN BROCKVILLE, COBOURG, HAMILTON, KINGSTON, LONDON, MIMICO, PENETANGUISHENE, TORONTO, WHITBY AND HOMEWOOD SANATORIUM, GUELPH.

ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT, ONTARIO HOSPITAL, BROCKVILLE, YEAR ENDING OCTOBER 31st, 1920.

Brockville, March 4th, 1921.

W. W. Dunlop,
Inspector of Ontario Hospitals.

Sir,—In accordance with the Statutory requirements I beg to send out the Twenty-sixth Annual Report of the Ontario Hospital, Brockville, for the year ending October 31st, 1920.

There remained in residence at the end of the last official year 813 patients 386 men and 427 women. During the year 205 patients were admitted, 100 men and 105 women, giving a total for the year under treatment of 1018, a slight increase over the number of last year. The discharges for the year were 109, fifty-three being discharged as recovered, fifty-one as improved and five as unimproved. Sixty-one patients died during the year, and among the deaths there were unfortunately two suicides. The Coroner was immediately notified in each case and after a full inquiry decided that no blame was attached to the Hospital. Nine patients eloped and seventy-nine were transferred to other hospitals. The transfer of 78 women to the Ontario Hospital, Cobourg, gave a very much needed relief to the women's wards which up to that time had been very much over-crowded; some of the dormitories are still somewhat congested.

Regular staff conference meetings twice a week have been held at which the case of every patient admitted has been fully gone into, diagnoses made and a definite line of treatment instituted. Owing to there being no Pathologist on the staff all pathological material is sent to the Queen's University Laboratory, Kingston, and in all suspected cases blood and spinal fluid examinations are made.

During the summer the verandahs and all outside wood work of the Main Building and Cottages were repaired and repainted which has greatly improved the outside appearance of the building, and during the coming year it is hoped to have the whole interior repainted.

I need hardly say how much the death of Dr. Mitchell was deplored by everyone associated with him in the work of the Hospital. His kindliness, his bright and cheery nature endeared him to the whole community and in his death the hospital suffered a great loss.

I was appointed to the position of Superintendent August 1st, 1920, and at the same time Dr. Vrooman and Dr. Fletcher were transferred to the Ontario Hospital, Toronto, Dr. Brown of the Ontario Hospital, London, taking the latter's place.

In conclusion I wish to extend our thanks to the Clergymen of the town for their uniform kindness in conducting the regular Sunday Services and their helpfulness at all times in visiting any sick patients whenever their services are desired.

I have the honour to be,
Sirs,
Your obedient servant,

W. K. Ross,
Superintendent.

Brockville, November 23rd, 1920.

re Annual Report.

W. W. Dunlop, Esq.,

Inspector of Prisons and Public Charities.

Sir,—Enclosed please find our Annual Statistical Report for the year ending October 31st, 1920.

I have the honour to be,
Sir,
Your obedient servant,
W. R. Ross,
Superintendent.

Toronto, Ontario.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOSPITAL FOR INSANE, BROCKVILLE, FOR THE YEAR ENDING OCTOBER 31ST, 1920.

TABLE No. 1.—BROCKVILLE.

Showing movements of patients in the Hospital for the official year ending October 31st, 1920.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	386	378	764			
In Residence October 31st, 1919				386	427	813
Admitted during year 1920:						
By Warrant	4	0	4			
By Medical Certificate	96	105	201	100	105	205
Total number under treatment during year 1920				486	532	1,018
Discharges during year:—						
As recovered	29	24	53			
As improved	27	24	51			
As unimproved	3	2	5			
As not insane	0	0	0			
Total number discharged during year	59	50	109			
Died	37	24	61			
Deported	1	0	1			
Eloped	9	0	9			
Transferred	1	78	79	107	152	259
Remaining in Hospital October 31st, 1920	48	102	150	379	380	759
Total number admitted since opening of Hospital				2,068	2,020	4,088
Total number discharged since opening of Hospital	836	873	1,709			
Total number died since opening of Hospital	708	601	1,309			
Total number deported since opening of Hospital	15	11	26			
Total number eloped since opening of Hospital	101	2	103			
Total number transferred since opening of Hospital	29	153	182	1,689	1,640	3,329
Total remaining in Hospital October 31st, 1920	1,689	1,640	3,329	379	380	759
Daily average population	391.0	437.6	828.7			
Collective days' stay of all patients in residence during year	143,145	160,170	303,315			
Number of applications on file	9	10	19			

TABLE No. 2.—BROCKVILLE

Showing Social State and Religion of patients admitted during the year and since opening of Hospital.

	In residence.			Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE									
Single	141	119	260	57	39	96	1,186	911	2,097
Married	224	212	436	38	51	89	810	956	1,766
Widowed	10	51	61	5	15	20	69	148	217
Divorced	1	.....	1	.....	.....	.....	1	.....	1
Separated	1	.....	1	.....	1	1	2	5	7
Unascertained	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	377	382	759	100	105	205	2,068	2,020	4,088
RELIGION									
Baptists	15	26	41	3	1	4	55	53	108
Congregationalists	.....	6	6	1	.....	1	14	5	19
Church of England	53	69	122	22	28	50	388	389	777
Methodists	49	49	98	18	20	38	336	383	719
Presbyterians	53	54	107	14	15	29	376	369	745
Roman Catholics	173	147	320	40	38	78	784	741	1,525
Other Denominations	28	23	51	2	3	5	78	68	146
Unascertained	6	8	14	.....	.....	.....	73	12	49
Totals	377	382	759	100	105	205	2,068	2,020	4,088

TABLE No. 3.—BROCKVILLE.

Showing nativity of patients admitted during the year and since opening of Hospital

Nativity	Admissions of Year.			Admissions Since Opening		
	Male.	Female.	Total.	Male.	Female.	Total.
Total admissions	100	105	205	2,066	2,022	4,088
Total born in Canada	82	92	174	1,698	1,685	3,383
Armenia						
Assyria		2	2	2	4	6
Austria	2		2	10	3	13
Australia						
Belgium						
Bulgaria				1		1
Central America						
China				1		1
Denmark				3		3
England	8	7	15	112	98	210
France				7	1	8
Finland						
Galacia						
Germany				6	8	14
Greece						
Holland						
Hungary						
Ireland	1	1	2	89	114	203
Italy	1		1	8	1	9
Japan						
Macedonia						
Other British Possessions	1		1	2		2
Norway	1		1	2		2
Roumania		1	1		2	2
Russia	1	1	2	12	16	28
Scotland	2	1	3	46	53	99
South America						
Spain				2	1	3
Sweden						
Turkey				4		4
United States	1		1	41	29	70
West Indies				1		1
Unascertained				19	7	26
Total	18	13	31	368	337	705

TABLE No. 4.—BROCKVILLE.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation	Admitted this Year.			Since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.	7	.....	7	47	4	51
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.	14	6	20	211	43	254
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc.	15	.....	15	588	.....	588
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc.	11	.....	11	204	.....	204
Mechanics, etc., at Sedentary Vocations: Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc.	4	2	6	125	63	188
Domestic Service:— Waiters, Cooks, Servants, etc.	.....	17	17	12	311	323
Education and Higher Domestic Duties Teachers, Governesses, Students, Housekeepers, Nurses, etc.	14	79	93	58	1,464	1,522
Miners, Marine Engineers, Railway Employees, Seamen, etc.	.....	.....	.....	33	.....	33
Laborers	24	.....	24	639	.....	639
No occupation	.....	.....	.....	72	111	183
Unascertained	11	1	12	79	24	103
Total	100	105	205	2,068	2,020	4,088

TABLE No. 5.—BROCKVILLE.

Showing the Counties and Districts from which patients have been admitted during the year and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases. Admitted during year			Warrant cases. Admitted since opening.			Remaining in residence.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District				2		2				1		1			
Brant					1	1									
Bruce				4	2	6				2		2			
Carleton	43	52	95	585	638	1,223	2		2	164	119	283	127	134	261
Dufferin															
Dundas	5	7	12	107	109	216				1		1	11	8	19
Durham	1	1	2	7	9	16							1	3	4
Elgin				4	4	8				3	1	4			
Essex				7	4	11				4	4	8	1	1	2
Frontenac		2	2	20	20	40				7	7	14	4	5	9
Glengarry	3	7	10	112	116	228				1	1	2	10	16	26
Grenville	10	4	14	162	151	313				2	1	3	25	11	36
Grey				3	1	4				1	1	2			
Haldimand				3		3				3		3	1		1
Haliburton															
Halton				2		2				1		1	1		1
Hastings				13	27	40				7	17	24	2	4	6
Huron				5	3	8				3		3	2		2
Kenora															
Kent				7	1	8				1		1	2		2
Lambton				8	1	9				5	1	6	3		3
Lanark	7	2	9	206	199	405	1		1	34	29	63	35	37	72
Leeds	11	16	27	285	261	546				32	19	51	33	52	85
Lennox and Addington				5	6	11				4	5	9		2	2
Lincoln				3	2	5				2	2	4			
Manitoulin															
Middlesex		1	1	18	17	35				10	6	16		2	2
Muskoka District				1		1									
Nipissing District				4	2	6							1		1
Norfolk				2		2				1		1			
Northumberland				9	4	13				6	3	9	4		4
Ontario				5	9	14				4	7	11	1		1
Oxford				5	3	8				5	1	6	1		1
Parry Sound District															
Peel				4	2	6				2		2	1		1
Perth				6	1	7				6		6	2	1	3
Peterborough				4	2	6				4	2	6	1		1
Prescott	4	5	9	104	113	217				44	38	82	28	31	59
Prince Edward				2	3	5				2	1	3			
Rainy River Dist				0	0	0				2	2	4			
Renfrew	1	1	2	28	31	59				8	5	13	6	5	11
Russell	4	1	5	69	62	131				4		4	20	23	43
Simcoe				8	3	11				5	2	7	3		3
Stormont	7	5	12	169	145	314				40	11	51	33	33	66
Sudbury															
Temiskaming					1	1								1	1
Thunder Bay District	1		1	3		3				2		2	2		2
Victoria				2	8	10				2	7	9			
Waterloo				2		2				1		1			
Welland				3	1	4				3		3	1		1
Wellington				1	3	4				1		1			
Wentworth				4	5	9				3	2	5	2	1	3
York	1		1	55	56	101	1		1	44	35	79	15	9	24
Unascertained				7	3	10				1	1	2			
Other Provinces	2	1	3	2	1	3	4		4					1	1
Totals	100	105	205	2,068	2,020	4,088	8		8	478	328	806	379	380	759

TABLE No. 6.—BROCKVILLE.

Showing the assigned causes of Insanity in the cases admitted during year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Unascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse conditions(such as loss of friends, business troubles, etc)	.....	1	1	.....	1	1	.....
Mental Strain, Worry and Overwork (not included in above)	14	34	48	7	11	18	30
Religious Excitement	.....	6	6	.....	1	1	5
Love Affairs, including seduction	1	1	2	.....	.....	.....	2
Fright and Nervous Shock	1	.....	1	1	.....	1	.....
PHYSICAL.							
Alcoholism	3	1	4	1	.....	1	3
Sexual Excess	.....	.....	.....	.....	.....	.....	.....
Venereal Diseases	8	3	11	.....	.....	.....	11
Masturbation	.....	.....	.....	.....	.....	.....	.....
Insolation	.....	.....	.....	.....	.....	.....	.....
Accident or Injury	.....	.....	.....	.....	.....	.....	.....
Pregnancy	.....	.....	.....	.....	.....	.....	.....
Parturition and Puerperum	.....	.....	.....	.....	.....	.....	.....
Lactation	.....	.....	.....	.....	.....	.....	.....
Climacteric Period	.....	3	3	.....	.....	.....	3
Fevers	.....	.....	.....	.....	.....	.....	.....
Privation and Overwork	4	4	8	2	3	5	3
Epilepsy	2	1	3	.....	1	1	2
Other Convulsive Diseases	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull	1	1	2	.....	1	1	1
Senility	14	13	27	.....	1	1	26
Exophthalmic Goitre	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs	2	.....	2	.....	.....	.....	2
Loss of Special Sense	.....	.....	.....	.....	.....	.....	.....
Uræmia	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection	.....	2	2	.....	1	1	1
Other Bodily Diseases	1	3	4	.....	1	1	3
HEREDITARY.							
Congenital Defect	13	5	18	3	1	4	14
Unascertained	36	25	61	14	4	28	33
Not Insane	.....	2	2	.....	1	1	1
Totals	100	105	205	28	37	65	140

TABLE No. 7.—BROCKVILLE.

Showing hereditary tendency to Insanity in patients admitted during the year, and since the opening of the Hospital.

	Admitted During Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch	8	11	19	241	241	482
Maternal Branch	9	13	22	217	232	449
Paternal and Maternal Branches	3	3	6	79	72	151
Collateral Branches	6	7	13	250	274	524
No Hereditary Tendency	58	64	122	892	799	1,691
Unascertained	16	7	23	389	402	791
Totals	100	105	205	2,068	2,020	4,088

TABLE No. 8.—BROCKVILLE.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number Granted Discharge	27	27	54
Discharged, Recovered	11	15	26
" Improved	15	11	26
" Unimproved	1	1	2
Died			
Returned to Hospital	6	17	23
Absent on Probation on Oct. 31st, 1920	18	14	32

TABLE No. 9.—BROCKVILLE.

Showing the causes of death of patients who died during the year, and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever					1	1
Influenza				4	2	6
Cerebro-spinal Meningitis				1	1	2
Diphtheria						
Erysipelas				4	5	9
Septicæmia				6	10	16
Dysentry	1		1	8	14	22
Syphilis					1	1
Tuberculosis	8	4	12	116	119	235
Constitutional Diseases:—						
Rheumatism					1	1
Arthritis Deformans						
Diabetes Mellitus					1	1
Diseases of the Digestive Organs:—						
Mouth, salivary glands					1	1
Pharynx						
Tonsils						
Œsophagus					1	1
Diseases of the Intestines:—						
Diseases of the Liver				6	4	10
" " Pancreas						
" " Peritoneum		1	1	6	9	15
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx				2		2
" " Bronchi	1		1	9	1	10
" " Lungs	6	2	8	45	36	81
" " Pleura				1	1	2
Diseases of the Circulatory System:—						
Diseases of the Pericardium				1	1	2
" " Heart		1	1	50	49	99
Arterio-sclerosis	3	4	7	67	59	126
Aneurism				1		1
Diseases of the Blood and Ductless Glands:—						
Anæmia				3	2	5
Pernicious Anæmia		1	1	1	1	1
Leukæmia						
Exophthalmic Goitre	1	1	2	1	2	3
Diseases of the Genito-Urinary System				21	13	34
Diseases of the Nervous System:—						
Diseases of the Nerves				1		1
" " Spinal Cord				2		2
" " Meninges	2	1	3	3	6	9
Totals—*Carried Forward*	22	15	37	359	343	699

TABLE No. 9.—BROCKVILLE.—*Continued*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Totals—*Brought Forward*	22	15	37	359	343	699
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage and other gross lesions)				37	21	58
Functional Nervous Diseases: (Paralysis Agitans, Chorea, Eclampsia, Hysteria)				1	3	4
Epilepsy	6		6	60	26	86
Mental Diseases:						
Exhaustion of Acute Mental Disease	3	2	5	28	59	87
Exhaustion of Chronic Mental Disease	1	4	5	72	59	131
General Paresis	4	1	5	74	15	89
Intoxications:						
Alcoholism						
Morphinism						
Metallic Poisoning						
Heat Stroke						
Debility of Old Age				52	49	101
Accident					1	1
Suicide	1	1	2	11	7	18
Surgical Diseases				2	5	7
Gynæcological Diseases						
Malignant New Growths, or Cancer		1	1	13	14	27
Pellagra					1	1
Totals	37	24	61	708	601	1,309

TABLE No. 10.—BROCKVILLE.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease	Admitted			Discharged			Died		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium									
(b) Infection Delirium									
(c) Post Infection Psychoses									
Exhaustion Psychoses:—									
(a) Collapsed Delirium		2	2					1	1
(b) Acute Confusional Psychoses									
(c) Neurasthenia	1	1	2	2	1	3			
Intoxication Psychoses:—									
(a) Acute Intoxications		3	3		1	1			
(b) Chronic									
(a) Alcoholism (acute and chronic)	2		2	3		3	1		1
(b) Delirium Tremens									
(c) Korsakow's Psychoses									
(d) Acute Alcoholic Hallucinosis	1		1						
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia									
(g) " Paresis									
(h) Morphinism	2		2	3	1	4			
(i) Cocainism									
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses									
(b) Cretinism									
Dementia Praecox:—									
(a) Hebaphrenic	14	13	27	8	2	10	4		4
(b) Catatonic	16	25	41	11	12	23	7	4	11
(c) Paranoid	5	12	17	2	5	7		2	2
General Paresis	9	2	11	3		3	4	3	7
Organic Dementias:—									
(a) Cerebral Sclerosis									
(b) Huntingdon's Chorea	1		1						
(c) Multiple Sclerosis									
(d) Cerebral Syphilis									
(e) Tabetic Psychoses									
(f Arterio Sclerotic Psychoses		1	1				1	2	3
(g) Cerebral Tumor, Abscess, Hæmorrhage	1	2	3	1		1	3		3
Involution Psychoses:—									
(a) Melancholia	1	7	8	2	3	5		1	1
(b) Pre-senile Delusiona Psychoses		3	3	1	1	2	1		1
(c) Senile Dementia	15	11	26	3	3	6	4	6	10
Manic Depressive Psychoses:—									
(a) Manic States	8	5	13	6	5	11	2	1	3
(b) Depressed States	12	7	19	5	6	11		2	2
(c) Mixed States									
Paranoia									
Totals—*Carried Forward*	88	94	182	50	40	90	27	22	49

TABLE No. 10.—BROCKVILLE.—*Continued*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease	Admitted			Discharged			Died		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Total—*Brought Forward*	88	94	182	50	40	90	27	22	49
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	2	1	3	4		4	8	2	10
(b) Hysterical Psychoses		1	1		3	3			
(c) Sexualis Psychopathia									
States of Deficient Mental Development:—									
(a) Imbecility	9	6	15	4	4	8	2		2
(b) Idiocy									
Not Diagnosed	1	3	4	1	2	3			
Not Insane					1	1			
Total	100	105	205	59	50	109	37	24	61

TABLE No. 11.—BROCKVILLE.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1920.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month	50	13	5	8	2	4
From 1 to 2 months	23	12	5	1	1	3
" 2 " 3 "	16	14	4			4
" 3 " 4 "	3	13	3	3		4
" 4 " 5 "	3	11	3	4	1	1
" 5 " 6 "	25	8	5	3		1
" 6 " 9 "	7	27	16	15		2
" 9 " 12 "	21	25	5	7		
" 12 " 18 "		54	6	6		6
" 18 months to 2 years	15	30				4
" 2 to 3 years	8	48	1	2		5
" 3 " 4 "	6	41		1		5
" 4 " 5 "	7	39				1
" 5 " 10 "	13	144		1		9
" 10 " 15 "		95				6
" 15 " 20 "	1	82				1
" 20 years and upwards	7	103			1	5
Totals	205	759	53	51	5	61

NOTE—This total must agree with the total admissions of the year.

ONTARIO HOSPITAL, COBOURG.

November 1st, 1920.

W. W. Dunlop, Esq.,
Inspector of Ontario Hospitals,
Parliament Buildings, Toronto, Ont.

Sir,—

I have the honour to submit to you the first Annual Report of the Ontario Hospital, Cobourg, Ontario, for the year ending October 31st, 1920.

I say advisedly the first Annual Report, as those buildings have had rather a memorable history. The main building here was for a great many years the Victoria University where an Arts and Theological course was given. Associated with this building, and but a short distance away was Faraday Hall noted for its science course. This latter building was torn down some years ago. Cobourg, its vicinity, and in fact all parts of the province have graduates from here who look back with fond recollections, and pride themselves on their pleasant associations in this famous hall of learning. About 1902 the University Authorities sold this beautiful property to the Ontario Government, and they converted it into a Hospital for the care of aged women. This continued for a period of fourteen years when negotiations were made with the Militia during the war to hand it over to them as a Military Hospital. This was finally accomplished about January 1st, 1917. It continued as this until early in June, 1920, when it again reverted to the Ontario Government. August 1st of this year it was re-opened as an Ontario Hospital, and I was honoured by being made its first Superintendent after the war, therefore, I call it the first Annual Report.

Our Hospital here is no longer one for the care of aged women alone, but we treat acute, sub-acute and chronic female patients. Our District is the Counties of Peterboro and Victoria, being optional in the case of Northumberland and Durham, that being very urgent cases requiring immediate Hospital treatment. We have now a capacity of 378 beds, but hope in the near future to increase it to 450, which will be our limit unless other buildings are added. Our first transfer of 55 patients was from the Ontario Hospital, Toronto, on August 24th. Our next one of 50 patients from Toronto on August 27th. Then we had a transfer from the Ontario Hospital, Brockville, of 76 patients on September 14th. Our next transfer was one from Hamilton of 75 patients on September 21st. Our last transfer was one of 65 patients from the Ontario Hospital, London, on September 29th. Besides those transfers we have had six admissions, acute cases, making a total of 327 patients.

I am pleased to be able to report that we have a staff of 24 nurses, with a training school of 2 in the final year, 3 in the intermediate year and 12 in the junior year, making a class of 17.

All the different Departments and Services, practically necessary in any Hospital, are fully organized and running smoothly except our laundry which is being rushed to completion, and we hope to have a very fine one at an early date.

I have to thank everyone in every Department of this Hospital for their able and loyal assistance to me since coming here.

Much contract work has been done, and much more is in progress, all tending to improve and add to the efficiency and usefulness of this Hospital.

I wish to heartily thank you, sir, for your many acts of kindness to me at all times. I wish you to thank the Minister in charge and everyone in the Department for their many kindnesses also. Nothing seems to have been too much trouble to you all, nothing was refused, whether wise counsel, encouragement or kindly assistance.

I have the honour to be,

Your obedient servant,

P. MacNaughton.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOSPITAL FOR INSANE, COBOURG, FOR THE YEAR ENDING OCTOBER 31st, 1920.

TABLE No. 1.—COBOURG.

Showing movements of patients in the hospitals for the official year ending October 31st, 1920

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	.....	378	378			
In Residence October 31st, 1919	.....	.....	.....	.....	.....	.....
Admitted during year 1920:						
By Warrant	.....	86	86			
By Medical Certificate	.....	242	242	.....	328	328
Total number under treatment during year	.....	.....	.....	.....	328	328
Discharges during year:—						
As recovered	.....	.....	.....			
As improved	.....	.....	.....			
As unimproved	.....	.....	.....	.....	.....	.....
As not insane	.....	.....	.....			
Total number discharged during year	.....	.....	.....			
Died	.....	1	1			
Deported	.....	.....	.....			
Eloped	.....	.....	.....			
Transferred	.....	.....	.....	.....	1	1
Remaining in hospital October 31st, 1920	.....	327	327	.....	327	327
Total number admitted since opening of Hospital	.....	.....	.....	.....	328	328
Total number discharged since opening of Hospital	.....	.....	.....			
Total number died since opening of Hospital	.....	1	1			
Total number deported since opening of Hospital	.....	.....	.....			
Total number eloped since opening of Hospital	.....	.....	.....			
Total number transferred since opening of Hospital	.....	.....	.....	.....	1	1
Total remaining in Hospital October 31st, 1920	.....	.....	.....	.....	327	327
Daily average population	.....	232	232			
Collective days' stay of all patients in residence during year	.....	15,804	15,804			
Number of applications on file	.....	.....	.....			

TABLE No. 2.—COBOURG.

Showing social state and religion of patients admitted during the year and since the opening of the Hospital.

	In residence.			Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.									
Single		200	200		201	201		201	201
Married		92	92		92	92		92	92
Widowed		30	30		30	30		30	30
Divorced		1	1		1	1		1	1
Separated									
Unascertained		4	4		4	4		4	4
Totals		327	327		328	328		328	328
RELIGION.									
Baptists			15		15	15		15	15
Congregationalists			1		1	1		1	1
Church of England			66		67	67		67	67
Methodists			74		74	74		74	74
Presbyterians			53		53	53		53	53
Roman Catholics			80		80	80		80	80
Other Denominations			38		38	38		38	38
Unascertained									
Totals			327		328	328		328	328

TABLE No. 3.—COBOURG.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total admissions		328	328		328	328
Total born in Canada		235	235		235	235
Armenia						
Assyria						
Austria						
Australia						
Belgium						
Bulgaria						
Central America						
China						
Denmark						
England		46	46		46	46
France		3	3		3	3
Finland		1	1		1	1
Galicia		1	1		1	1
Germany		2	2		2	2
Greece						
Holland						
Hungary						
Ireland		16	16		16	16
Italy						
Japan						
Macedonia						
Other British Possessions						
Norway						
Roumania						
Russia						
Scotland		10	10		10	10
South America						
Spain						
Sweden						
United States		7	7		7	7
West Indies						
Unascertained		7	7		7	7
Totals		328	328		328	328

TABLE No. 4.—COBOURG.

Showing the occupation of those admitted during the year and since the opening of the Hospital

Occupation.	Admitted this year.			Since opening.		
	Male	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc						
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc		9	9		9	9
Agricultural and Pastoral:— Farmers, Gardeners, Stock Men, etc		1	1		1	1
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc						
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc		22	22		22	22
Domestic Service:— Waiters, Cooks, Servants, etc		64	64		64	64
Education and Higher Domestic Duties Governesses, Teachers, Students, Housekeepers, Nurses, etc		127	127		127	127
Miners, Marine Engineers, Railway Employees, Seamen, etc						
Laborers						
No Occupation		27	27		27	27
Unascertained		78	78		78	78
Totals		328	328		328	328

TABLE No. 5.—COBOURG.

Showing the counties and districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in Residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District															
Brant		7	7		7	7		1	1		1	1		7	7
Bruce		4	4		4	4		2	2		2	2		4	4
Carleton		27	27		27	27		2	2		2	2		27	27
Dufferin		4	4		4	4		4	4		4	4		4	4
Dundas		2	2		2	2								2	2
Durham		3	3		3	3								3	3
Elgin		5	5		5	5		1	1		1	1		5	5
Essex		9	9		9	9		7	7		7	7		9	9
Frontenac		3	3		3	3		1	1		1	1		3	3
Glengarry		4	4		4	4								4	4
Grenville		4	4		4	4		1	1		1	1		4	4
Grey		9	9		9	9		2	2		2	2		9	9
Haldimand		3	3		3	3		1	1		1	1		3	3
Haliburton		2	2		2	2								2	2
Halton		4	4		4	4		1	1		1	1		4	4
Hastings		5	5		5	5		3	3		3	3		5	5
Huron		2	2		2	2								2	2
Kenora															
Kent		5	5		5	5		2	2		2	2		5	5
Lambton		3	3		3	3								3	3
Lanark		6	6		6	6		1	1		1	1		6	6
Leeds		12	12		12	12		1	1		1	1		12	12
Lennox and Addington															
Lincoln		3	3		3	3								3	3
Manitoulin															
Middlesex		23	23		23	23		3	3		3	3		23	23
Muskoka District		1	1		1	1		1	1		1	1		1	1
Nipissing District		2	2		2	2		1	1		1	1		2	2
Norfolk		1	1		1	1		1	1		1	1		1	1
Northumberland		5	5		5	5		1	1		1	1		5	5
Ontario		7	7		7	7		1	1		1	1		7	7
Oxford		2	2		2	2		1	1		1	1		2	2
Parry Sound District															
Peel		2	2		2	2		1	1		1	1		2	2
Perth		8	8		8	8		1	1		1	1		8	8
Peterborough		6	6		6	6		1	1		1	1		5	5
Prescott		9	9		9	9		2	2		2	2		9	9
Prince Edward															
Rainy River District															
Renfrew		4	4		4	4								4	4
Russell		1	1		1	1								1	1
Simcoe		4	4		4	4		1	1		1	1		4	4
Stormont		7	7		7	7		1	1		1	1		7	7
Sudbury															
Temiskaming															
Thunder Bay District		4	4		4	4								4	4
Victoria															
Waterloo		10	10		10	10		1	1		1	1		10	10
Welland		5	5		5	5								5	5
Wellington		14	14		14	14		2	2		2	2		14	14
Wentworth		15	15		15	15		5	5		5	5		15	15
York		71	71		71	71		28	28		28	28		71	71
Unascertained		1	1		1	1								1	1
Other Provinces															
Totals		328	328		328	328		86	86		86	86		327	327

TABLE No. 6.—COBOURG.

Showing the assigned Causes of Insanity in the cases admitted during the year.

	Men.	Women.	Total.	Inherited Predisposition.			Un-ascertained
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends business troubles, etc)							
Mental Strain, Worry and Overwork (not included in above)							
Religious Excitement							
Love Affairs, including seduction							
Fright and Nervous Shock							
PHYSICAL.							
Alcoholism							
Sexual Excess							
Venereal Diseases							
Masturbation							
Insolation							
Accident or Injury							
Pregnancy							
Parturition and Puerperium							
Lactation							
Climateric Period							
Fevers							
Privation and Overwork							
Epilepsy							
Other Convulsive Diseases							
Diseases of Brain and Skull							
Senility							
Exophthalmic Goitre							
Epidemic Influenza							
Abuse of Drugs							
Loss of Special Sense							
Uræmia							
Other Auto-infection							
Other Bodily Diseases							
HEREDITARY.							
Congenital Defect							
Unascertained							328
Not Insane							
Total							328

ANNUAL REPORT.

Ontario Hospital, Cobourg, for year ending October 31st, 1920.

Table No. 7, Cobourg.

Unable to fill out on account of patients being transferred from other Hospitals.

ANNUAL REPORT.

Ontario Hospital, Cobourg, for year ending October 31st, 1920.

Table No. 8, Cobourg.
No patients on probation.

TABLE No. 9.—COBOURG.

Showing the causes of death to patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever						
Influenza						
Cerebro-spinal Meningitis						
Diphtheria						
Erysipelas						
Septicæmia						
Dysentry						
Syphilis						
Tuberculosis						
Constitutional Diseases:—						
Rheumatism						
Arthritis Deformans						
Diabetes Mellitis						
Diseases of the Digestive System:—						
Mouth, Salivary glands						
Pharynx						
Tonsils						
Œsophagus						
Diseases of the Intestines:—						
Diseases of the Liver						
" " Pancreas						
" " Peritoneum						
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx						
" " Bronchi						
" " Lungs						
" " Pleura						
Diseases of the Circulatory System:—						
Diseases of the Pericardium						
" " Heart						
Arterio-sclerosis						
Aneurism						
Totals.—*Carried Forward*						

TABLE No. 9.—COBOURG.—*Continued*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total.—*Brought Forward*						
Diseases of the Blood and Ductless Glands:—						
Anæmia						
Pernicious anæmia						
Leukæmia						
Exophthalmic Goitre						
Diseases of the Genito-Urinary System						
Diseases of the Nervous System:—						
Diseases of the Nerves						
" " Spinal Cord						
" " Meninges						
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage and other gross lesions)						
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)						
Epilepsy						
Mental Diseases:—						
Exhaustion of Acute Mental Disease		1	1		1	1
Exhaustion of Chronic Mental Disease						
General Paresis						
Intoxications:—						
Alcoholism						
Morphinism						
Metallic Poisoning						
Heat Stroke						
Debility of Old Age						
Accident						
Suicide						
Surgical Diseases						
Gynæcological Diseases						
Malignant New Growths, or Cancer						
Totals		1	1		1	1

TABLE No. 10 —COBOURG

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium									
(b) Infection Delirium									
(c) Post Infection Psychoses									
Exhaustion Psychoses:—									
(a) Collapsed Delirium									
(b) Acute Confusional Psychoses		1	1						
(c) Neurasthenia									
Intoxication Psychoses:—									
(a) Acute Intoxications									
(b) Chronic									
(a) Alcoholism (acute and chronic)									
(b) Delirium Tremens									
(c) Korsakow's Psychoses		1	1						
(d) Acute Alcoholic Hallucinosis									
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia		1	1						
(g) " Paresis									
(h) Morphinism									
(i) Cocainism									
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses									
(b) Cretinism									
Dementia Praecox:—									
(a) Hebaphrenic		45	45						
(b) Catatonic		43	43						
(c) Paranoid		50	50						
General Paresis		1	1						
Organic Dementias:—									
(a) Cerebral Sclerosis									
(b) Huntingdon's Chorea									
(c) Multiple Sclerosis									
(d) Cerebral Syphilis									
(e) Tabetic Psychoses									
(f) Arterio Sclerotic Psychoses									
(g) Cerebral Tumor, Abscess, Hæmorrhage									
Involution Psychoses:—									
(a) Melancholia		20	20					1	1
(b) Pre-senile Delusional Psychoses									
(c) Senile Dementia		86	86						
Manic Depressive Psychoses:—									
(a) Manic States		34	34						
(b) Depressed States		18	18						
(c) Mixed States									
Paranoia									
Total.—*Carried Forward*		300	300					1	1

TABLE No. 10.—COBOURG.—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total
Total—*Brought Forward*	....	300	300	....	....	....	....	1	
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	....	4	4	....	....	....	....	....	....
(b) Hysterical Psychoses	....	1	1	....	....	....	....	....	....
(c) Sexualis Psychopathia	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development:—									
(a) Imbecility	....	20	20	....	....	....	....	....	....
(b) Idiocy	....	3	3	....	....	....	....	....	....
Not Diagnosed	....	....	....	....	....	....	....	....	....
Not Insane	....	....	....	....	....	....	....	....	....
Totals	....	328	328	....	....	....	....	1	1

TABLE No. 11.—COBOURG.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1920.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month	....	4	....	....	....	1
From to 2 months	....	218	....	....	....	....
" 2 " 3 "	....	105	....	....	....	....
" 3 " 4 "	....	....	....	....	....	....
" 4 " 5 "	....	....	....	....	....	....
" 5 " 6 "	....	....	....	....	....	....
" 6 " 9 "	....	....	....	....	....	....
" 9 " 12 "	....	....	....	....	....	....
" 12 " 18 "	....	....	....	....	....	....
" 18 months to 2 years	....	....	....	....	....	....
" 2 to 3 years	....	....	....	....	....	....
" 3 " 4 "	....	....	....	....	....	....
" 4 " 5 "	....	....	....	....	....	....
" 5 " 10 "	....	....	....	....	....	....
" 10 " 15 "	....	....	....	....	....	....
" 15 " 20 "	....	....	....	....	....	....
" 20 years and upwards	....	....	....	....	....	....
Totals	....	327	....	....	....	1

NOTE—This total must agree with the total admissions of the year

December 15th, 1920.

THE ONTARIO HOSPITAL, HAMILTON.

W. W. Dunlop, Esq.,

Inspector, Prisons and Public Charities,

Parliament Buildings, Toronto Ontario.

Sir,—In compliance with the Statutory requirements I beg to submit the 45th Annual Report of this Hospital, being for the financial year ending October 31st, 1920.

Our admissions number 287, and discharges as "recovered" or sufficiently improved to return home, 156; equalling 54.3% of the admissions—we feel that this is a most satisfactory showing.

Medical Staff.

In conjunction with the other Ontario Hospitals, our staff of Medical Assistants was almost entirely changed; Dr. P. MacNaughton, after over nine years of faithful and energetic service here, was on August 1st, promoted to the Superintendency of the Hospital at Cobourg. Dr. John Webster, who had been with us for nineteen years and eight months, giving most attentive and highly appreciative service was promoted to the Assistant Superintendency at Whitby.

Drs. Fred L. Neeley and C. C. Whittaker, the new men added to our staff, only remained three and two months respectively, and then by resignation left the Ontario Service.

With the efficient and most willing service of Dr. Chas. R. Graham, we have "carried on" but trust that the vacancies may be soon filled, as it is absolutely impossible for us to give that proper care and attention to the work that it deserves.

Nursing Staff.

In March and April we received some twenty-six young women directly from Scotland and England, through the kindness of your Department, and had hopes that the majority of them would have had patience and perseverance in their work, and stay with us for the full nursing training of three years; but alas, all but eight of them have gone elsewhere; however, those remaining are most efficient, and give promise of being an able assistance to us, and a credit to their profession.

Buildings.

The Large Water Reservoir was completed and put into commission on May 20th, and thus we have no anxiety as to the local water supply, but it is clearly evident that an auxiliary electric pump will have to be added to the equipment at the Queen Street Pumping Station, as much complaint is made by the adjacent residents, of the noise, smoke and cinders resulting when we have to use our old steam pump as an auxiliary.

The new Cannery has been completed and though not ready in time to care for the early fruits, there have been put up hundreds of cans of Plums, Peaches, Apples, Pumpkins, etc., and every facility is afforded for rapid and strictly sanitary work. During the coming year we should be able to handle everything that is presented in both vegetables and fruits.

The Mortuary, we regret we have been unable to complete, owing to pressure of work and inability to get cement, but an effort is now being made to cover it in before the snow, etc., prohibits outside work.

The barn at Hickory Farm and the Main Root House have been covered with "Crystal" Paroid Roofing, and an additional Poultry building 15' by 120', which was blown away from its foundations in the Fall of 1919, has been re-erected and is providing much needed space for our breeding stock.

We have, as in previous years, shipped a considerable number of "chicks" to several of the Ontario Hospitals and reports are that they have done well. If we are successful, we should have a considerably larger supply to distribute next year.

Towards the end of October, the Ontario Plowmen's Association made use of 150 acres of our Main Farm for their annual competition and exhibition of Farm Machinery. Many thousands of people attended during the three days of the contest and numerous were the expressions of approval as to the suitableness of the land and the arrangements made for the comfort and entertainment of the staff etc.

Dairy Herd was also visited by hundreds and three of our best young bulls were sold as a result.

Farm and Garden.

The crops in both these departments were most excellent, and an ample supply has been stored for our people and the use of the stock. In the matter of peaches and grapes we had excellent returns.

Dairy Herd.

Our Dairy Herd has been placed under the supervision of the Dominion Veterinary General, and every animal now in our stables over six months of age, has successfully passed the Triple Tuberculin test as required for an Accredited Herd.

Notwithstanding this excellent showing we consider it wise to Pasteurize every pound of Milk produced, before being presented for consumption by our people.

Our Pathologist, Dr. W. R. Jaffrey, continues to make routine examinations of the blood, and when considered advisable, the spinal fluid of every patient admitted. I have much pleasure in attaching herewith his report. He is also treating with Salvarsan, all suitable cases of Paresis, with, in some instances, very satisfactory results.

Re Sunday Services.

We would again urge the appointment of Protestant and Roman Catholic Chaplains for our Hospital as our people are not receiving that religious attention and comfort that they deserve, and it is, we believe, unfair to call upon the busy, usually overworked city clergy to spend adequate time here without monetary remuneration.

Requirements.

Having purchased at a most reasonable price, a 15 ton Refrigerating Plant, we should this year place it in a building convenient for distribution of the "brine" to our Main Building and Orchard House Cold Storage Compartments, and supply a section in the basement of the new Cannery.

In this connection "'twould" be well to make our building sufficiently large to receive a monthly supply of meat, and if necessary a six months supply of eggs and butter. Thus, we could make artificial ice for small refrigerators and the six weeks spent in cutting and storing natural ice, with its 25% loss owing to the summer heat, could be avoided and the men and teams be employed at other essential work.

Verandahs.

As the situation of the old Boiler House has been levelled and will be improved during the coming year, the opportunity is afforded for the erection of much needed 16' verandahs on the south side of the central sections, and transits on each of the eight wards in the Main Building. The health and comfort of the patients would be much enhanced thereby.

Also the putting in of sky-lights in the ceiling and enlarging the windows in the bays of Ward 9, as has been done in Ward 8, is urgently requested.

On the Farm an additional Silo for summer feeding is urgently needed and we hope to prepare the blocks from broken stones, etc., from quarry during the winter months, and be prepared to start its erection early in the Spring.

Plans have not yet been completed for the much needed Queen St. steps, and action will have to be taken as those at present in use are absolutely unsafe, and should be removed.

Thanking you most sincerely for the ready assistance and advice at all times given.

I have the honour to remain, Sirs,

Your obedient servant,

W. M. English.
Superintendent.

PATHOLOGICAL REPORT

NOVEMBER 1st, 1919—TO OCTOBER 31st, 1920.

DR. W. M. ENGLISH,
Superintendent.
Hamilton, Ont.,

Sir:—I beg herewith to present my findings in the blood and spinal fluid examinations for syphilis, done as a routine during the past year.

Total Admissions. 287	Wasserman Reaction. positive—23	Percentage. 7.99.
Disease suffered from.	Positive Reaction.	Percentage.
General Paresis	7	2.43))—3.13%
General Paresis with complications	2	0. 7)
Imbecility.	3	1.04)
Manic Depressive	4	1.04)
Dementia Præcox	5	1.74)—4.86%
Involutional Melancholia	1	0.34)
Senile Dementia	0	0.00)
Epilepsy	1	0.34)

In this analysis it is seen that syphilis has apparent bearing in the psychosis in 3.13% only; while the clinical did not indicate that the remaining 4.86% were in any way due to Syphilitic infection.

W.R. JAFFRAY
Pathologist

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOSPITAL FOR INSANE, HAMILTON, FOR THE YEAR ENDING OCTOBER 31st, 1920.

TABLE No. 1.—HAMILTON.

Showing movements of patients in the Hospital for the official year ending October 31st, 1920

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	656	639	1,295			
In Residence October 31st, 1919				655	645	1,300
Admitted during year 1920:						
By Warrant	45	30	75			
By Medical Certificate	60	146	206	108	179	287
Voluntary	3	3	6			
Total number under treatment during year				763	824	1,587
Discharges during year:—						
As recovered	17	20	37			
As improved	45	74	119			
As unimproved	3	5	8			
As not insane						
Total number discharged during year	65	99	164			
Died	49	65	114			
Deported	3	2	5			
Eloped	5		5			
Transferred	2	76	78	124	242	366
Remaining in Hospital October 31st, 1920				639	582	1,221
Total number admitted since opening of Hospital				4,129	3,995	8,124
Total number discharged since opening of Hospital	1,613	1,797	3,410			
Total number died since opening of Hospital	1,436	1,266	2,702			
Total number deported since opening of Hospital	75	11	86			
Total number eloped since opening of Hospital	150	11	161			
Total number transferred since opening of Hospital	217	327	544	3,490	3,413	6,903
Total remaining in Hospital October 31st, 1920				639	582	1,221
Daily average population	708	694	1,402			
Collective days' stay of all patients in residence during year	259,141	253,922	513,063			
Number of applications on file	5	6	11			

TABLE No. 2.—HAMILTON.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			In residence.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.									
Single	52	49	101	454	263	717	2,160	1,596	3,756
Married	51	112	163	151	266	417	1,910	2,308	4,218
Widowed	4	16	20	31	50	81	52	87	139
Divorced	1	2	3	.....	2	2	3	3	6
Separated	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unascertained	.....	.....	.....	3	1	4	4	1	5
Total	108	179	287	639	582	1,221	4,129	3,995	8,124
RELIGION.									
Baptists	9	9	18	36	42	78	235	272	507
Congregationalists	1	2	3	6	1	7	29	21	50
Episcopalians	14	43	57	101	102	203	759	741	1,500
Methodists	24	31	55	120	118	238	931	941	1,872
Presbyterians	20	35	55	101	97	198	734	763	1,497
Roman Catholics	21	32	53	132	100	232	763	706	1,469
Other Denominations	18	23	41	92	89	181	470	436	906
Unascertained	1	4	5	51	33	84	208	115	323
Totals	108	179	287	639	582	1,221	4,129	3,995	8,124

TABLE No. 3.—HAMILTON.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions	108	179	287	4,129	3,995	8,124
Total born in Canada	70	131	201	2,505	2,609	5,114
Armenia				2		2
Assyria				1		1
Austria	1	1	2	34	8	42
Australia				1		1
Belgium						
Bulgaria				1		1
Central America						
China				6		6
Denmark				1		1
England	14	28	42	611	466	1,077
France	2		2	6	1	7
Finland				5	1	6
Galicia	2	1	3	6	2	8
Germany	2		2	17	10	27
Greece	1		1	12	12	24
Holland				1	2	3
Hungary				6	4	10
Ireland	4	2	6	312	416	728
Italy	1	1	2	35	4	39
Japan						
Macedonia						
Other British Possessions		1	1	98	91	189
Norway				1		1
Roumania	1		1	6		6
Russia	1	1	2	35	15	50
Scotland	4	7	11	241	208	449
South America				2	1	3
Spain	1		1	1		1
Sweden				7		7
Turkey				2		2
United States		3	3	99	95	194
West Indies	2	1	3	11	3	14
Unascertained	2	2	4	4	47	111
Totals	108	179	287	4,129	3,995	8,124

TABLE No. 4.—HAMILTON.

Showing the occupation of those admitted during the year and since the opening of the Hospital

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc	3	.....	3	94	3	97
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc	11	7	18	277	65	342
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc.	18	.....	18	1,091	3	1,094
Mechanics at Out door Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc	23	.....	23	376	2	378
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc	9	9	18	479	149	628
Domestic Service:— Waiters, Cooks, Servants, etc	.....	155	155	33	816	849
Education and Higher Domestic Duties Governesses, Teachers, Students, Housekeepers, Nurses, etc	2	7	9	91	2,469	2,560
Miners, Marine Engineers, Railway Employees, Seamen etc	7	.....	7	65	.....	65
Laborers	35	.....	35	1,136	4	1,140
No occupation	.....	1	1	178	244	422
Unascertained	.....	.....	.....	309	239	548
Total	108	179	287	4,129	3,995	8,124

TABLE No. 5.—HAMILTON.

Showing the counties and districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases. Admitted during year.			Warrant cases. Admitted since opening.			Remaining in residence		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District	...	...	...	27	6	33	...	...	...	26	1	27	6	...	6
Brant	7	15	22	233	260	493	1	...	1	84	43	127	50	49	99
Bruce	...	1	1	10	24	34	...	...	...	7	9	16	...	6	6
Carleton	...	...	...	11	11	22	...	...	...	9	7	16	1	1	2
Dufferin	1	2	3	70	82	152	1	1	2	37	25	62	7	14	21
Dundas	1	...	1	3	3	6	1	...	1	3	1	4	1	...	1
Durham	...	...	...	11	17	28	...	...	...	9	7	16	1	1	2
Elgin	1	...	1	8	8	16	...	...	...	3	2	5	2	1	3
Essex	...	...	...	8	1	9	...	...	...	4	1	5	3	...	3
Frontenac	...	...	...	30	10	40	1	...	1	30	3	33	6	...	6
Glengarry	...	...	...	5	4	9	...	...	...	4	1	5	3	...	3
Grenville	...	...	...	4	3	7	...	...	...	4	2	6	...	...	...
Grey	7	13	20	276	224	500	3	1	4	157	74	231	61	40	101
Haldimand	1	5	6	155	153	308	...	...	...	67	25	92	21	14	35
Haliburton	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Halton	2	7	9	125	137	262	1	1	2	48	27	75	1	618	34
Hastings	...	...	...	6	9	15	...	...	...	6	6	12	...	1	1
Huron	1	1	2	6	15	21	...	...	...	2	4	6	1	1	2
Kenora	...	...	...	2	...	2	...	...	...	1	...	1	...	...	...
Kent	...	...	...	7	7	14	...	...	...	7	1	8	...	1	1
Lambton	...	...	...	11	5	16	...	...	...	9	1	10	2	...	2
Lanark	...	...	...	1	4	5	...	...	...	1	1	2	...	...	...
Leeds	...	...	...	4	5	9	...	...	...	4	4	8	1	...	1
Lennox and Addington	...	...	...	11	1	12	...	...	...	10	...	10	...	...	...
Lincoln	3	8	11	198	200	398	1	...	1	96	49	145	28	24	52
Manitoulin	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...
Middlesex	...	2	2	22	17	39	...	...	...	11	8	19	2	1	3
Muskoka District	...	...	...	19	3	22	...	...	...	11	2	13	2	...	2
Nipissing District	...	...	...	13	12	25	...	1	1	7	7	14	1	5	6
Norfolk	1	10	11	151	166	317	...	1	1	24	13	37	17	26	43
Northumberland	...	...	...	27	17	44	...	...	...	15	8	23	2	...	2
Ontario	...	...	...	28	35	63	...	...	...	22	22	44	2	1	3
Oxford	...	...	...	23	19	42	...	...	...	14	10	24	3	...	3
Parry Sound District	1	...	1	8	6	14	1	...	1	8	3	11	3	1	4
Peel	...	...	...	2	2	29	51	...	...	...	7	9	16	2	3	5
Perth	...	...	...	10	12	22	...	...	...	8	7	15	2	2	4
Peterborough	...	...	...	11	19	30	...	...	...	11	11	22	...	...	...
Prescott	...	...	...	3	7	10	...	...	...	3	6	9	...	1	1
Prince Edward	...	...	...	5	2	7	...	...	...	3	2	5	...	...	...
Rainy River District	...	...	...	6	1	7	...	...	...	6	1	7	...	...	...
Renfrew	...	...	...	5	2	7	...	...	...	4	...	4	...	...	...
Russell	...	...	...	...	1	1	...	...	...	...	1	1	...	1	1
Simcoe	...	...	...	221	170	391	...	...	...	152	82	234	11	6	17
Stormont	...	...	...	6	3	9	...	...	...	5	1	6	...	...	...
Sudbury	...	...	...	5	...	5	...	...	...	5	...	5	1	...	1
Temiskaming	...	...	...	11	1	12	...	...	...	9	...	9	1	...	1
Thunder Bay District	...	...	...	16	13	29	...	...	...	11	11	22	...	4	4
Victoria	...	...	...	14	24	38	...	...	...	12	18	30	2	1	3
Waterloo	4	9	13	266	288	554	2	1	3	129	52	181	61	60	121
Welland	16	18	34	246	269	515	3	2	5	94	45	139	43	49	92
Wellington	7	13	20	367	364	731	2	1	3	152	47	199	78	47	125
Wentworth	49	72	121	1,151	1,088	2,239	24	22	46	499	234	733	170	182	352
York	3	2	5	236	234	470	2	...	2	184	164	348	19	20	39
Unascertained	...	...	...	7	2	9	...	...	...	2	1	3	5	1	6
Other Provinces	3	...	3	8	1	9	2	...	2	5	...	5	5	...	5
Totals	108	179	287	4,129	3,995	8,124	45	30	75	2,041	1,059	3,100	639	582	1,221

TABLE No. 6.—HAMILTON.

Showing the assigned Causes of Insanity in the cases admitted during year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Unascertained
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends business troubles, etc.)	12	33	45	3	4	7	38
Mental Strain, Worry and Overwork (not included in above)	13	36	49	1	5	6	
Religious Excitement	1	1	2				2
Love Affairs, including seduction	1		1				1
Fright and Nervous Shock	4	4	8				8
PHYSICAL.							
Alcoholism							
Sexual Excess	13	1	14	2	1	3	11
Venereal Diseases							
Masturbation	2		2				2
Insolation	1		1				1
Accident or Injury	4	5	9				9
Pregnancy		10	10				10
Parturition and Puerperium							
Lactation							
Climacteric Period		2	2		1	1	1
Fevers							
Privation and Overwork							
Epilepsy		3	3		1	1	2
Other Convulsive Diseases							
Diseases of Brain and Skull							
Senility	1		1				1
Exophthalmic Goitre	1	6	7		1	1	6
Epidemic Influenza		3	3		1	1	2
Abuse of Drugs	1		1				1
Loss of Special Sense		1	1				
Uræmia							
Other Auto-infection							
Other Bodily Diseases	13	23	36	4	9	13	23
HEREDITARY.							
Congenital Defect	5	14	19	5	14	19	
Unascertained	36	37	73				73
Not Insane							
Total	108	179	287	15	37	52	235

TABLE No. 7.—HAMILTON.

Showing hereditary tendency to Insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted During Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch	4	16	20	138	135	273
Maternal Branch	6	11	17	120	156	276
Paternal and Maternal Branches	2	4	6	30	44	74
Collateral Branches	3	5	8	125	140	265
No Hereditary Tendency	82	129	211	752	699	1,451
Unascertained	11	14	25	489	297	786
Total	198	179	287	1,654	1,471	3,125

TABLE No. 8.—HAMILTON.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge	65	99	164
Discharge Recovered While on Probation	17	20	37
Discharged Improved	45	74	119
Discharged Unimproved	3	5	8
Died	1	3	4
Returned to Hospital	18	19	37
Absent on Probation on October 31st, 1920	21	30	51

TABLE No. 9.—HAMILTON

Showing the Causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever				8	1	9
Influenza	1		1	23	8	31
Cerebro-spinal Meningitis						
Diphtheria						
Erysipelas		1	1	13	11	24
Septicæmia		1	1	14	10	24
Dysentery	1	1	2	22	37	59
Syphilis						
Tuberculosis	5	5	10	189	212	401
Jaundice					1	1
Constitutional Diseases:—						
Rheumatism					1	1
Arthritis Deformans						
Diabetes Mellitus				4	1	5
Diseases of the Digestive System:—						
Mouth, salivary glands				1		1
Pharynx						
Tonsils						
Œsophagus				6	13	19
Enteritis Colitis					1	1
Diseases of the Intestines:—						
Diseases of the Liver				7	11	18
" " Pancreas					1	1
" " Peritoneum				12	8	20
" " Intestinal obstruction				8	3	11
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx				1		1
" " Bronchi	5	1	6	10	5	15
" " Lungs	4	7	11	104	68	172
" " Pleura				2	2	4
Diseases of the Circulatory System:—						
Diseases of the Pericardium				89	67	156
" " Heart	1	4	5	22	12	34
Arterio-sclerosis	4	5	9	11	7	18
Aneurism						
Diseases of the Blood and Ductless Glands:—						
Anæmia				4	5	9
Pernicious Anæmia						
Leukæmia		1	1	10	15	25
Exophthalmic Goitre	2	2	4	33	20	53
Diseases of the Genito-Urinary System						
Purpura Hæmorrhage				3	3	6
Total.—*Carried Forward*	23	28	51	590	514	1,104

TABLE No. 9.—HAMILTON—*Continued.*

Showing the Causes of Death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total	Male	Female	Total.
Totals.—*Brought Forward*	23	28	51	590	514	1,104
Diseases of the Nervous System:—						
Diseases of the Nerves	.....	1	1	.....	5	5
" " Spinal Cord	.....	.....	.....	.....	.....	.....
" " Meninges	.....	.....	.....	2	6	8
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage and other gross lesions)	7	1	8	85	76	161
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)	1	1	2	9	10	19
Epilepsy	4	.....	4	118	73	191
Mental Diseases:—						
Exhaustion of Acute Mental Disease	2	8	10	92	163	255
Exhaustion of Chronic Mental Disease	2	2	4	107	122	229
General Paresis	2	.....	2	179	20	199
Intoxications:—						
Alcoholism	1	.....	1	4	.....	4
Morphinism	.....	.....	.....	.....	.....	.....
Metallic Poisoning	.....	.....	.....	.....	.....	.....
Heat Stroke	.....	.....	.....	.....	.....	.....
Debility of Old Age	6	22	28	191	204	395
Accident	.....	.....	.....	16	3	19
Suicide	.....	.....	.....	11	17	28
Surgical Diseases	.....	.....	.....	12	12	24
Gynæcological Diseases	.....	.....	.....	.....	2	2
Malignant New Growths, or Cancer	1	2	3	13	31	44
Totals	49	65	114	1,436	1,266	2,702

TABLE No. 10—HAMILTON

Showing forms of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium	2	4	6						
(b) Infection Delirium									
(c) Post Infection Psychoses									
Exhaustion Psychoses:—									
(a) Collapsed Delirium									
(b) Acute Confusional Psychoses	2	5	7	1	4	5			
(c) Neurasthenia	1	1	2	1	1	2		1	1
Intoxication Psychoses:—									
(a) Acute Intoxications									
(b) Chronic									
(a) Alcoholism (acute and chronic)	8	1	9	5	1	6	2		2
(b) Delirium Tremens	1		1						
(c) Korsakow's Psychoses									
(d) Acute Alcoholic Hallucinosis									
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia									
(g) " Paresis									
(h) Morphinism	2		2	1	1	2			
(i) Cocainism		1	1	1		1			
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses	1		1						
(b) Cretinism									
Dementia Praecox:—									
(a) Hebaphrenic	8	19	27	6	4	10	3	1	4
(b) Catatonic	24	36	60	14	33	47	7	8	15
(c) Paranoid	9	12	21	2	13	15	3		3
General Paresis	7	1	8	2		2	3		3
Organic Dementias:—									
(a) Cerebral Sclerosis	1		1				1		1
(b) Huntingdon's Chorea							1	1	2
(c) Multiple Sclerosis									
(d) Cerebral Syphilis									
(e) Tabetic Psychoses									
(f) Arterio Sclerotic Psychoses	8	1	9	2	1	3	3		3
(g) Cerebral Tumor, Abscess, Hæmorrhage									
Involution Psychoses:—									
(a) Melancholia	2	18	20		6	6		7	7
(b) Pre-senile Delusional Psychoses		1	1	2		2			
(c) Senile Dementia	9	30	39	3	10	13	13	33	46
Manic Depressive Psychoses:—									
(a) Manic States	2	6	8	7	6	13	2	4	6
(b) Depressed States	10	24	34	9	11	20	4	6	10
(c) Mixed States	1	1	2	1		1		1	1
Paranoia									
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	1	4	5	3	5	8	5		5
(b) Hysterical Psychoses		1	1						
(c) Sexualis Psychopathia									
States of Deficient Mental Development:—									
(a) Imbecility	8	10	18	5	3	8	1	2	3
(b) Idiocy									
Not Diagnosed	1	3	4				1	1	2
Not Insane									
Totals	108	179	287	65	99	164	49	65	114

TABLE No. 11.—HAMILTON.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1920.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month	68	25	.....	3	1	14
From 1 to 2 months	23	27	.....	.....	.....	5
" 2 " 3 "	15	21	1	.....	1	3
" 3 " 4 "	13	19	1	3	.....	11
" 4 " 5 "	12	21	6	6	2	3
" 5 " 6 "	7	21	3	11	2	5
" 6 " 9 "	25	40	10	22	1	2
" 9 " 12 "	5	25	8	12	.....	12
" 12 " 18 "	24	59	4	26	.....	7
" 18 months to 2 years	3	44	2	11	.....	2
" 2 " 3 years	21	69	2	10	.....	9
" 3 " 4 "	12	103	.....	4	1	5
" 4 " 5 "	7	67	.....	2	.....	1
" 5 " 10 "	37	195	.....	6	.....	9
" 10 " 15 "	3	174	.....	1	.....	10
" 15 " 20 "	4	91	.....	2	.....	6
" 20 years and upwards	8	220	.....	.....	.....	10
Totals	287	1,221	37	119	8	114

NOTE—This total must agree with the total admissions of the year.

ONTARIO HOSPITAL, KINGSTON.

W. W. Dunlop,

Inspector of Ontario Hospitals.

Dear Sir:—

I have the honour to submit the annual report for the year 1919-20.

The admission and discharge list for the past year is one of the largest in the history of the hospital. Our results have been extremely gratifying. While a great many of the patients admitted were suffering from the more severe psychoses, yet, under advanced nursing and general treatment, our percentage of recoveries, improvements and discharges has been extremely large. Our increase in staff, through the efficient assistance of medical internes, has been productive of the greatest good. It is now possible, through the agency of trained medical internes, to have all patients, both acute and chronic, under direct and daily medical observation.

Training School for Nurses

The Training School for Nurses at Rockwood Hospital has reached a very high state of efficiency. At present there are forty-three nurses on active duty and in training, with a good waiting list for future development. The completion and furnishing of Leahurst, the Nurses' Home, has been of great assistance to the organization and a general advantage to both the school and the hospital.

Occupational Therapy

This important branch of treatment at Rockwood is being well organized and will be effectively administered and intensively practised. An experienced director will be appointed and the boundaries of this line of treatment gradually extended.

Medical Staff

There have been changes in the Medical Staff during the past year. Dr. W. K. Ross, our assistant Superintendent, was promoted to the Superintendency of the Ontario Hospital, Brockville, as of date August 1st 1920. Our congratulations go out to Dr. Ross, an efficient psychiatrist, a thorough administrator, a man beloved of his patients, a scholarly advocate of the highest ideals of medical life. In his place came Dr. T. D. Cumberland, first physician of the Ontario Hospital, Whitby. A man full of zeal and energy, and of whose future there can be no doubt. The Internes in the service of the Hospital have given the greatest satisfaction. They are all young men, endowed with far more than ordinary capacity, working together in harmony and good will, creating and developing an atmosphere of study and research most edifying in every way. The educational life of Rockwood was never more fully realized than during the year just passed, and in this side of our life we are but entering the threshold of what I fully believe to be the opening of a new era for Psychiatry in Ontario.

The Neuro-Psychiatric Association

A most important step has already been taken in the organization of the Ontario Neuro-Psychiatric Association. It is but in harmony with the fitness of things that this Association, the first of its character in Canada, should be brought to life in the atmosphere of Rockwood. Having long realized the necessity of such organization, I called a meeting of all the Superintendents of the

Ontario Hospitals, and of many other distinguished physicians at Rockwood Hospital on April 28th 1920, to organize a society for the study and advancement of Neuro-psychiatry. The results were beyond my expectation, the meeting was most enthusiastic, the addresses were very encouraging and the papers read were of a very marked scientific value. Since the organization four very successful meetings have been held, one at Whitby, one at Hamilton, and one at London. All these meetings were marked by a spirit that makes for success. It is especially gratifying to witness the eagerness with which the meetings are welcomed, more especially by the young men in the service. To them the formation of this Association means the opening of a new sphere of study and investigation. It is upon these young men the success of the future depends. To them I appeal that they may enter the work of this Association with earnestness and vigour, to the end that Neuro-psychiatry in Ontario may be more than a name.

In order that the labors of this Association may be preserved and the scientific knowledge brought forth through the meetings may reach the public, a Journal of Neuro-psychiatry will be published by the Department of the Provincial Secretary. The year just past is therefore an historical one in Neuro-psychiatry, and in the history of the Ontario Hospitals.

I have the honour to be,

Your obedient servant,

EDWARD RYAN,

Medical Superintendent.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOSPITAL FOR INSANE, KINGSTON, FOR THE YEAR ENDING OCTOBER 31st, 1920.

TABLE No. 1.—KINGSTON.

Showing movements of patients in the Hospital for the official year ending October 31st, 1920.

——	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	311	268	579			
In Residence November 1st, 1919				325	264	589
Admitted during year of 1920						
By Warrant	9	3	12			
By Medical Certificate	88	67	155	97	70	167
Total number under treatment during year				422	334	756
Discharges during year:—						
As recovered	38	23	61			
As improved	21	19	40			
As unimproved	1	2	3			
As not insane, in for observation	2	.....	2	.....		
Total number discharged during year	62	44	106			
Died	22	19	41			
Deported	1	1	2			
Eloped	14	.....	14			
Transferred	1	2	3	100	66	166
Remaining in Hospital				322	268	590
Total number admitted since opening of Hospital	.....	.....	.....	3,266	2,697	5,963
Total number discharged since opening of Hospital	1,546	1,322	2,868			
Total number died since opening of Hospital	1,018	795	1,813			
Total number deported since opening of Hospital	15	6	21			
Total number eloped since opening of Hospital	119	1	120			
Total number transferred since opening of Hospital	246	305	551	2,944	2,429	5,373
Total remaining in Hospital				322	268	590
Daily average population	319.32	260.65	579.98			
Collective days' stay of all patients in residence during year	116,875	95,399	212,274			
Number of applications on file	3	2	5			

TABLE No. 2.—KINGSTON.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	In residence.			Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.									
Single	241	143	384	54	28	82	1,894	1,169	3,063
Married	80	109	189	39	36	75	1,294	1,435	2,729
Widowed	.....	16	16	4	6	10	68	86	154
Divorced	.....	.....	.....	.....	.....	.....	1	1	2
Separated	1	.....	1	.....	.....	.....	9	6	15
Unascertained	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	322	268	590	97	70	167	3,266	2,697	5,963
RELIGION.									
Baptists	6	5	11	.....	3	3	54	48	102
Congregationalists	.....	1	1	.....	1	1	11	10	21
Church of England	60	40	100	14	15	29	621	517	1,138
Methodists	87	94	181	25	13	38	769	719	1,488
Presbyterians	35	30	65	13	12	25	476	419	895
Roman Catholics	83	72	155	22	18	40	976	806	1,782
Other Denominations	35	16	51	5	2	7	220	123	343
Unascertained	16	10	26	18	6	24	139	55	194
Totals	322	268	590	97	70	167	3,266	2,697	5,963

TABLE No. 3.—KINGSTON

Showing nativity of patients admitted during the year and since the opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male	Female	Total.
Total admissions	97	70	167	3,266	2,697	5,963
Total born in Canada	79	53	132	2,314	1,957	4,271
Armenia						
Assyria				2		2
Austria				4		4
Australia				3		3
Belgium						
Bulgaria						
Central America						
China				1		1
Denmark						
England	7	10	17	255	173	428
France				3	1	4
Finland	2		2	3	2	5
Galicia					1	1
Germany				50	20	70
Greece						
Holland						
Hungary				2		2
Ireland		2	2	343	315	658
Italy				6		6
Japan				1		1
Macedonia						
Other British Possessions		1	1	6	5	11
Poland						
Norway				3	1	4
Roumania				1		1
Russia	2		2	21	4	25
Scotland	4	3	7	105	98	203
South America				6		6
Spain				1		1
Sweden				3		3
Turkey						
United States	1	1	2	45	38	83
West Indies				1	1	2
Unascertained	2		2	81	73	154
Other				6	8	14
Totals	97	70	167	3,266	2,697	5,963

TABLE No. 4.—KINGSTON

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.	4	.....	4	213	2	215
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.	6	1	7	238	9	247
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc.	18	.....	18	984	4	988
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc.	2	.....	2	296	.....	296
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc.	7	.....	7	217	149	366
Domestic Service:— Waiters, Cooks, Servants, etc.	.....	4	4	28	513	541
Education and Higher Domestic Duties Governesses, Teachers, Students, Housekeepers, Nurses, etc.	1	57	58	41	1,512	1,553
Miners, Marine Engineers, Railway Employees, Seamen, etc.	.....	.....	.....	72	.....	72
Laborers	12	.....	12	844	.....	844
No Occupation	3	8	11	142	240	382
Unascertained	44	.....	44	148	189	337
Other	.....	.....	.....	43	79	122
Totals	97	70	167	3,266	2,697	5,963

TABLE No. 5.—KINGSTON.

Showing the counties and districts from which patients have been admitted during the Year and since the opening of the Hospital.

Counties and Districts	Admitted during year.			Admitted since opening.			Warrant Cases. Admitted during year.			Warrant Cases. Admitted since opening.			Remaining in residence.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District				4	2	6				3	2	5			
Brant				6	7	13				6	7	13			
Bruce				3	6	9				3	5	8			
Carleton	1		1	210	165	375				166	125	291	19	11	30
Soldiers				115	2	117									
Dundas				37	33	70							2		2
Durham	3	4	7	74	73	147	3		3	24	11	35		10	10
Elgin				3	4	7				3	4	7			
Essex				3	2	5				3	2	5			
Frontenac	18	23	41	647	607	1,254		1	1	174	107	281	42	61	103
Glengarry				56	54	110							3	4	7
Grenville				58	53	111				7	9	16	1	2	3
Grey				8	10	18				6	6	12		1	1
Haldimand				6	7	13									
Haliburton				2	2	4				2		2	1		1
Halton				3	2	5				2	1	3			
Hastings	8	10	18	368	310	678	2	1	3	140	70	210	47	49	96
Huron	1		1	7	5	12				6	5	11	1		1
Kenora															
Kent				4	1	5				4		4			
Lambton				12	3	15				12	2	14		1	1
Lanark				126	127	253				97	87	184	5	5	10
Leeds		3	3	97	87	184				79	57	136	7	4	11
Lennox and Addington	2	1	3	233	216	449				98	51	149	23	19	42
Lincoln				9	7	16				9	5	14			
Manitoulin															
Middlesex				9	6	15				6	4	10	1		1
Muskoka Dist				1	1	2					1	1			
Nipissing Dist				1	3	4					1	1		1	1
Norfolk				7	5	12				7	5	12	1		1
Northumberland	5	9	14	183	215	398				101	66	167	34	32	66
Ontario				21	25	46				19	24	43		2	2
Oxford				14	4	18				14	3	17			
Parry Sound District															
Peel				4	1	5				4	1	5			
Perth				10	10	20				10	9	19			
Peterborough	2	1	3	30	31	61				10	9	19	6	3	9
Prescott				48	30	78				41	24	65	1	2	3
Prince Edward		6	6	133	102	235		1	1	39	18	57	23	13	36
Rainy River District				1		1				1		1			
Renfrew	7	12	19	264	247	511	1		1	60	23	83	38	35	73
Russell					2	2								1	1
Simcoe				14	12	26				13	11	24			
Stormont				55	48	103				111	73	184	1	2	3
Sudbury															
Temiskaming															
Thunder Bay District				1		1							1		1
Victoria				17	13	30				17	12	29	3		3
Waterloo				15	4	19				12	4	16			
Welland				8	5	13				8	5	13	1	1	2
Wellington				6	4	10				4	4	8			
Wentworth	1		1	19	21	40	1		1	15	13	28	1	3	4
York	1		1	57	70	127				39	50	89	9	4	13
Unascertained	48		48	249	51	300	2		2	38	7	45	51	2	53
Other Provinces				8	2	10				1		1			
Totals	97	70	167	3,266	2,697	5,963	9	3	12	1,415	923	2,335	332	268	590

TABLE No. 6.—KINGSTON.

Showing the assigned causes of Insanity in the cases admitted during the year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Unascertained
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.)	8	8	16	6	4	10	.....
Mental Strain, Worry and Overwork (not included in above)	15	17	32	6	10	16	.....
Religious Excitement	.....	.....	.....	.....	.....	.....	.....
Love Affairs, including seduction	1	.....	1	.....	.....	.....	.....
Fright and Nervous Shock	12	1	13	4	1	5	.....
PHYSICAL.							
Alcoholism	9	.....	9	5	.....	5	.....
Sexual Excess	.....	.....	.....	.....	.....	.....	.....
Venereal Diseases	10	2	12	3	.....	3	.....
Masturbation	1	.....	1	1	.....	1	.....
Insolation	.....	.....	.....	.....	.....	.....	.....
Accident or Injury	.....	.....	.....	.....	.....	.....	.....
Pregnancy	.....	3	3	.....	2	2	.....
Parturition and Puerperium	.....	5	5	.....	5	5	.....
Lactation	.....	.....	.....	.....	.....	.....	.....
Climacteric Period	.....	3	3	.....	1	1	.....
Fevers	.....	1	1	.....	.....	.....	.....
Privation and Overwork	.....	8	8	.....	5	5	.....
Epilepsy	4	1	5	2	1	3	.....
Other Convulsive Diseases	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull	.....	.....	.....	.....	.....	.....	.....
Senility	9	5	14	4	1	5	.....
Exophthalmic Goitre	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza	1	2	3	.....	2	2	.....
Abuse of Drugs	2	1	3	1	1	2	.....
Loss of Special Sense	.....	.....	.....	.....	.....	.....	.....
Uræmia	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection	1	.....	1	.....	.....	.....	.....
Other Bodily Diseases	4	2	6	3	2	5	.....
HEREDITARY.							
Congenital Defect	10	9	19	6	4	10	.....
Unascertained	8	2	10	56	31	87	.....
Not Insane	2	.....	2	.....	.....	.....	.....
Totals	97	70	167	97	70	167	.....

TABLE No. 7.—KINGSTON.

Showing hereditary tendency to Insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during Year.			Since 1908		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch	12	12	24	155	127	282
Maternal Branch	5	9	14	95	111	206
Paternal and Maternal Branches				14	11	25
Collateral Branches	5	5	10	82	70	152
No Hereditary Tendency				58	37	95
Unascertained	75	44	119	627	407	1,034
Not Insane				9	1	10
Totals	97	70	167	1,040	764	1,804

TABLE No. 8.—KINGSTON.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number Granted Discharge	32	40	72
Discharged, Recovered	15	13	28
" Improved	9	12	21
" Unimproved			
Died			
Returned to Hospital	5	6	11
Absent on Probation on October 31st, 1920	3	9	12

TABLE No. 9.—KINGSTON.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since 1908		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever				1	2	3
Influenza		2	2		2	2
Cerebro-spinal Meningitis						
Diphtheria						
Erysipelas				1	1	2
Septicæmia	1		1	5	3	8
Dysentery				2	1	3
Syphilis				2		2
Tuberculosis	2	3	5	48	51	99
Constitutional Diseases:—						
Rheumatism						
Arthritis Deformans					1	1
Diabetes Mellitus						
Diseases of the Digestive System:—						
Mouth, salivary glands						
Pharynx						
Tonsils						
Œsophagus						
Stomach					1	1
Diseases of the Intestines:—				6	8	14
Diseases of the Liver				3	2	5
" " Pancreas				1		1
" " Peritoneum				8	2	10
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx						
" " Bronchi				6	3	9
" " Lungs	1	3	4	46	49	95
" " Pleura	1		1	2		2
Diseases of the Circulatory System:—						
Diseases of the Pericardium					1	1
" " Heart	3	2	5	32	25	57
Arterio-sclerosis	1	2	3	16	7	23
Aneurism				1		1
Diseases of the Blood and Ductless Glands:—						
Anæmia						
Pernicious Anæmia					2	2
Leucæmia						
Exophthalmic Goitre						
Adrenal Glands					1	1
Diseases of the Genito-Urinary System				5	6	11
Diseases of the Nervous System:—						
Diseases of the Nerves						
" " Spinal Cord						
" " Meninges				1		1
Total—*Carried Forward*	9	12	21	180	159	339

TABLE No. 9.—KINGSTON.—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since 1908		
	Male.	Female.	Total.	Male.	Female.	Total.
Total—*Brought Forward*	9	12	21	180	159	339
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage and other gross lesions)		2	2	21	17	38
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)						
Epilepsy	3	1	4	13	6	19
Mental Diseases:—						
Exhaustion of Acute Mental Disease	2		2	19	9	28
Exhaustion of Chronic Mental Disease				8	5	13
General Paresis	4	3	7	36	5	41
Died while on probation, cause unknown					1	1
Intoxications:—						
Alcoholism						
Morphinism						
Metallic Poisoning				1		1
Heat Stroke						
Debility of Old Age	3		3	19	13	32
Accident				4	2	6
Suicide	1		1	5	3	8
Surgical Diseases				1	1	2
Gynæcological Diseases					1	1
Malignant New Growths, or Cancer		1	1	4	20	24
Totals	22	19	41	317	251	568

TABLE No. 10.—KINGSTON.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium									
(b) Infection Delirium									
(c) Post Infection Psychoses									
Exhaustion Psychoses:—									
(a) Collapsed Delirium	1		1				1		1
(b) Acute Confusional Psychoses	1	2	3	1	3	4			
(c) Neurasthenia	1	1	2						
Intoxication Psychoses:—									
(a) Acute Intoxications	2	1	3	3	1	4			
(b) Chronic									
(a) Alcoholism (acute and chronic)	7		7	7		7			
(b) Delirium Tremens									
(c) Korsakow's Psychoses									
(d) Acute Alcoholic Hallucinosis	1		1	1		1			
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia									
(g) " Paresis									
(h) Morphinism	1		1	1		1			
(i) Cocainism									
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses									
(b) Cretinism									
Dementia Præcox:—									
(a) Hebaphrenic	12	5	17	9	2	11	1	1	2
(b) Catatonic	6	12	18	1	3	4	1	1	2
(c) Paranoid	11	9	20	7	6	13	2	2	4
General Paresis	10	2	12	2	2	4	4	3	7
Organic Dementias:—									
(a) Cerebral Sclerosis									
(b) Huntingdon's Chorea	2	1	3	1		1			
(c) Multiple Sclerosis									
(d) Cerebral Syphilis									
(e) Tabetic Psychoses									
(f) Arterio Sclerosis Psychoses							1		1
(g) Cerebral Tumor, Abscess, Hæmorrhage									
Involution Psychoses:—									
(a) Melancholia	4	4	8	2	5	7			
(b) Pre-senile Delusional Psychoses		1	1	2	2	4	1	2	3
(c) Senile Dementia	9	5	14	2		2	5	7	12
Manic Depressive Psychoses:									
(a) Manic States	5	7	12	1	5	6	1	1	2
(b) Depressed States	8	13	21	11	8	19	1		1
(c) Mixed States					1	1			
Paranoia	1		1	1		1	1		1
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	4	1	5		1	1	3	1	4
(b) Hysterical Psychoses									
(c) Sexualis Psychopathia									
Total—*Carried Forward*	86	64	150	52	39	91	22	18	40

TABLE No. 10—KINGSTON.—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Ment l Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Totals—*Brought Forward*	86	64	150	52	39	91	22	18	40
States of Deficient Mental Development:—									
(a) Imbecility	7	6	13	6	5	11	....	1	1
(b) Idiocy	1	....	1	....	....	....	....	....	....
Not Diagnosed	1	....	1	2	....	2	....	....	....
Not Insane	2	....	2	2	....	2	....	....	....
Totals	97	70	167	62	44	106	22	19	41

TABLE No. 11.—KINGSTON.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1920.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month	22	10	10	4	2	4
From 1 to 2 months	11	8	11	2	1	1
" 2 " 3 "	9	13	2	2	.....	1
" 3 " 4 "	9	12	8	4	.....	.....
" 4 " 5 "	5	6	7	6	.....	4
" 5 " 6 "	2	13	4	.....	.....	3
" 6 " 9 "	10	12	8	4	.....	2
" 9 " 12 "	2	15	4	3	.....	.....
" 12 " 18 "	2	35	1	5	.....	5
" 18 months to 2 years	2	23	3	4	.....	2
" 2 to 3 years	5	30	1	3	.....	1
" 3 " 4 "	4	27	1	1	.....	2
" 4 " 5 "	1	23	.....	1	.....	2
" 5 " 10 "	3	99	1	.....	.....	3
" 10 " 15 "	4	51	.....	.....	.....	2
" 15 " 20 "	2	65	.....	1	.....	2
" 20 years and upwards	3	148	.....	.....	.....	7
Unascertained	71	.....	.....	.....	.....	.....
Totals	167	590	61	40	3	41

NOTE.—This total must agree with the total admissions of the year

THE ONTARIO HOSPITAL, LONDON.

W. W. Dunlop, Esq.,

Inspector of Prisons and Public Charities:

Sir:—

I beg to present the Fifteenth Annual Report of the Ontario Hospital, London, for the year ending October 31st 1920.

Historical Sketch

At the end of this semi-centennial year, it may be of some interest to recall a few of the outstanding facts connected with the early history of the London Hospital. The earliest report connected with this place that I have been able to obtain is one by John W. Langmuir to his Excellency, the Honourable William Pearce Howland, C. B., Lieut. Governor of the Province of Ontario, dated October 1, 1868. The Institution was then called the Malden Asylum and apparently had been in existence since 1859. It was situated at Malden, a small town in the County of Essex, very near Amherstburg.

The occasion of this report was a visit by Inspector Langmuir to the Asylum for the purpose of installing Dr. Landor as Superintendent in place of Dr. Fisher.

The number of patients in residence at that time was 240 and a perusal of the Inspector's report leads to the conclusion that very little attention was paid to the care or comfort of the patients prior to that period.

The first report of Dr. Landor was dated some three months after his appointment. A great many improvements seemed to have been made in that short time and apparently the whole Institution was in much better order although the Doctor complains very forcibly of the structural arrangements of the building and the urgent necessity for increased accommodation. He also mentions that the average price of meat during the year was 5½ cents per pound.

The next Annual Report of Inspector Langmuir expresses gratification at the action of the Legislature in making liberal provision for the erection of a new Insane Asylum and he also called attention to the absence of excitement, boisterousness, and quarrelsomeness at the Malden Asylum and attributed chiefly, not to any change in medical treatment, but to the unceasing efforts of Dr. Landor in getting the patients out of doors.

Those who were able worked in the garden or on the farm and those who were not able to work, were taken out regularly for exercise and airing. In addition all kinds of out-door amusements were encouraged. As a result of this treatment, which to my mind has not been very much improved on, the discharge rate equalled 60 per cent of the admissions. The total number of admissions during the year was 48. The number discharged as cured was 24 and three as improved. This was a decided advance, as only 63 patients had been discharged during the previous nine years. Unfortunately this high rate did not keep up as the next year we find that only 17 were discharged.

Dr. Landor in his Report for 1869 refers to the erection of a new asylum at London. Apparently, there was a long newspaper war concerning the site and the plans and even Dr. Landor at first had some doubt as to the suitability of the former. He was, however, very enthusiastic regarding the plans of the new build-

ing, which he thinks will not have its superior on the continent. He also advocated buying 100 acres east of the present site for the erection of cottages for patients who are well enough to be trusted but not well enough to go home or as he expresses it, like Rob Roy, "over good for banning and over bad for blessing."

The Inspector's Report for the year 1869 expresses gratification that the Legislature had appropriated $100,000 to commence the erection of the new Asylum. Three hundred acres of land were purchased near the city of London at an average price of sixty-seven dollars per acre.

It was determined to do away with any unnecessary architectural embellishments and Mr. Kivas Tully, the Government architect, was instructed to proceed with the plans of a building, which when completed would not cost more than five hundred dollars per patient, and it is said that the cost of the whole Institution including out-houses, fences and drains, did not exceed this sum.

Inspector Langmuir's Report for 1870 refers to the closing of the branch Asylum at Malden and Orilla and the transfer of the patients from these places to the new Asylum at London. The first patient from Orillia arrived on the 18th of November 1870, followed on the 23rd of the same month by those from Malden. The Inspector calls attention to the fact that this enormous structure containing over seven millions of bricks, was ready for occupation within eighteen months of the purchase of the site.

The method of furnishing this great building was interesting. Under instruction of the Commissioner of Public Works, designs of principal articles of furniture were prepared and samples manufactured when public competition was invited and contract awarded. The articles were all of the best workmanship, a fact which can still be attested as chairs, and sofas of this period are still in use and have survived several generations of cheap modern furniture which at a later date found its way into the wards in large quantities.

The average cost of maintaining patients during the year 1871 was one hundred and twelve dollars. It is interesting to note in the detailed expenditure for the year 1870 at the Malden Asylum with two hundred and fifty patients, the cost of beer, spirits and wine was $888.69.

From a perusal of the old reports it can easily be seen that the foundation of this Institution was well and truly laid. Dr. Landor was an English Physician of the old school and on the whole had many sound views in regard to the treatment and care of the insane. The beautiful grounds, of which we fifty years later are so proud, will always be a lasting monument to the artistic taste and sound judgment of Dr. Landor and his associates of these early days.

On the 6th day of January 1877 Dr. Landor died and was succeeded by Dr. Bucke, who was then in charge of the new Asylum built in Hamilton. Dr. Bucke's period of office lasted for almost twenty-five years. During his regime many great and lasting reforms were made. Perhaps the most notable was the abolishing of all forms of mechanical restraint. Previous to this, mechanical restraints of many various kinds were in constant use in all Asylums for the Insane practically throughout the world. A feeling had gradually developed amongst those in charge of these places that a great deal of this restraint was unnecessary and Dr. Bucke was one of the first to abolish it. Time has proven that these pioneers were quite right and mechanical restraint is now practically unknown in any Ontario Hospital.

Dr. Bucke was a great psychiatrist and a great man and his name will long be remembered, especially in the literary and scientific circles in this country. He

was a splendid administrator, kind and considerate of everyone and his memory is still green in the hearts of many old employees and patients at this place.

During his incumbency the fame of the Institution reached a high place. He died very suddenly on the 19th day of February in the year 1902 and was succeeded by Dr. McCallum, a physician of very great prominence. His period of office lasted five years but during that time he displayed great ability and energy in his conduct of the affairs of this Institution. At the end of 1907 Dr McCallum was transferred to Penetang and on January 1, 1908, the writer assumed charge.

The year 1920 has been a very eventful one in the annals of this Hospital and I trust you will pardon me if I dwell to some extent on the difficulties we encountered.

The first few months of the year were periods of unusual anxiety and care. In common with every similar institution in Canada and the United States, we suffered from great scarcity of help. Our staff of nurses was depleted to such an extent that it was almost impossible to carry on the ordinary work. It would have been quite impossible except for the help rendered by a large number of our better class of patients. In January and February there was a very great deal of sickness amongst both the nursing and medical staff and for a time the entire medical work of the Institution was carried on by Dr. Whittaker, who rose nobly to the occasion and who deserves our most sincere thanks.

I am also glad to say that during the latter part of the year a considerable number of young girls from our own district have entered our training school and for the first time in years we have an adequate number of nurses. No better material for nurses can be found in the world than our young Canadian girls and it is a source of great gratification that so many of them are entering the nursing profession. Our training schools are doing good work and I feel sure, as they are better known, they will become more popular.

The Public Institutions owe a deep debt of gratitude to the Honorable Mr. Nixon, not only for his energy in securing nurses from overseas but also for his great service rendered to all branches of our Hospitals in seeing that the remuneration for employees now bears a fair ratio to the services rendered. When he assumed office our employees were disgruntled and discouraged. Now as a rule, they are happy and contented.

During the early part of the year, we also suffered from an inadequate medical staff. With the return of our Assistant Superintendent, Dr. Young, from Military service, and with the addition of Drs. Stevenson and Kaiser, we have now a splendid medical staff.

Probably, the most unpleasant feature of the early months of this semi-centennial year, was the publicity and annoyance caused by certain charges made by a discharged employee against the general administration of the affairs of the Hospital and also accusing certain employees of dishonesty.

It was very properly decided that charges of such a serious nature should be investigated by a Judicial Commission and Judge Talbot McBeth, senior Judge of the County of Middlesex was accordingly appointed for that purpose. After a very careful and thorough investigation into every phase of the Hospital management and after hearing the sworn testimony of every witness who had any knowledge of the subject, the Commissioner reported to the Government that not one charge was sustained.

One result of the charges was to cause a feeling of uncertainty and doubt in the minds of many who have near and dear friends confined here and who have not an opportunity to personally visit the Hospital except on rare occasions. To all such, I would say that no Hospital such as ours, is perfect. Human nature is not perfect and never will be. The young men and young women who are employed here and who have so much to do with the happiness of the patients, are simply representative of the better element of the community. They are very much like the class of young people around your home—perhaps sometimes under trying circumstances, impatient as we all are—sometimes perhaps a little thoughtless—possibly, they may not always use the very best judgment. As a whole and as a class, after many years intimate acquaintance with hundreds of them, I have no hesitation in saying that the great majority are conscientious and careful in their work and in their care of the helpless patients under them. They are often greatly maligned and I sometimes fear the public do not appreciate their work nor give them due credit for the many virtues they possess. There are, of course, black sheep to be found everywhere but these are very soon discovered and weeded out.

Every effort is made in an Institution such as ours to see that patients are treated with kindness and consideration. We endeavor to inspire every patient with a spirit of confidence in those who have charge of him, to feel that they are real friends to him. I think I can truthfully say that our efforts along this line have not been in vain and that the vast majority of our patients have only kindly friendly feelings towards those who have charge of them.

Wasserman Tests.

We have continued the work we began in 1917 of making a routine test of the blood serum of every patient admitted to the Hospital. To this date we have examined 859 patients with the following results:—Negative 741, Doubtful 11, Positive 111. It will thus be seen that 12.92% of all our admissions show evidence of syphilis.

If a patient shows positive results in the blood test, a spinal fluid test is then made and it is only on rare occasions that the serological test and the clinical symptoms are at variance. In all cases that show a positive result in the blood, we begin at once a vigorous course of anti-syphilitic treatment. In a number of cases we have been able to convert a positive into a negative reaction. We have not had any results in the treatment of Paresis.

The number of cases in which syphilis is a definite cause of insanity is not large. During the past year only seven such cases were admitted and of the 859 cases examined during the past four years in 45 or 5.4% we were able to state that syphilis was the cause of the disease.

I have much pleasure in presenting the report of Dr. Luney, our Pathologist, who makes all our Wassermann Tests.

During the year, of the 274 patients admitted, blood Wassermann tests were made on 266, of the eight not taken, four died before it was possible to secure the sample, one, a re-admission who had been out on probation but a short time, one was discharged shortly after admission, and two were elderly seniles. Of the 266 examined, 232 were negative, six doubtful and 28 or 10.5% were positive. 15 of the 28 positive cases were males, 13 females. The cerebro-spinal fluid was

examined in all but three of the patients with positive blood Wassermanns but of these in only 13 were there evidences of meningal disturbances. One case with some blood in the fluid showed only a positive Wassermann test, one other, showed a negative Wassermann test but increase of cell and a slight increase of globulin. The remaining eleven positive spinal fluids were typical of General Paresis.

In seven instances in which the blood test was negative a cerebro-spinal fluid examination was made in view of various nervous manifestations. In all cases, however, the cerebro-spinal fluid was found normal.

The examinations made on the cerebro-spinal fluids were:—

(a) cell count
(b) globulin (noguchi)
(c) colloidal gold
(d) Wassermann

A tabulation of all positive cases is here appended.

The comparison of results obtained during the past three years has been exceedingly instructive and, therefore, I thought it would be of interest to chart the results obtained during this period of time.

No.	Sex	Blood Wass.	Wasserman	Cerebro-spinal fluid		
				Globulin	C.C.	Colloidal Gold
4	M	4 plus	4 plus in .2 cc.	considerably increased	50	5554443211
5	F	4 "	negative	Not increased	2	0000000000
7	M	4 "	4 plus in .2 cc.	considerably increased	60	5555554332
32	M	4 "	4 "	considerably increased	30	5555531000
36	F	3 "	3 "			
56	F	3 "	3 plus in .1 cc.	blood	blood	
			negative	increased	4 per cu. m. m.	0000000000
58	M	4 "	negative	not increased	4	0000000000
59	F	3 "	Spinal fluid delayed			
63	F	4 "	negative	not increased	4	0000000000
90	M	4 "	4 plus in .2 cc.	considerably increased	25 per cu. m. m.	5555555432
91	M	4 "	4 "	considerably increased	blood	5554333221
117	M	4 "	negative	not increased	6 per cu. m. m.	0000000000
126	M	4 "	negative	not increased	1 per cu. m. m.	0000000000
127	M	4 "	4 plus in .2 cc.	not increased	35	5555543100
139	F	4 "	4 " " "	not increased	2	5555553321
	F	4 "				
176	M	4 "	negative	slightly increased	11	1110000000
182	M	3 "	negative	not increased	4	0000000000
197	M	4 "	negative	not increased	4	0000000000
198	F	4 "	negative	not increased	1	0000000000
203	F	4 "	negative	not increased	3	0000000000
205	M	4 "	4 plus in .2 cc.	not increased	30	5553321000
207	M	4 "	4 "	blood		5553210000
214	F	4 "	negative	not increased		0000000000
218	F	3 "	negative	not increased	1	0000000000
246	F	4 "	4 plus in .2 cc.	considerably increased	100	5555543100
260	M	4 "	4 "	considerably increased	100	5555432100
270	F	4 "	negative	not increased	1	0000000000

Year	Number of Patients examined	Negative	Doubtful	Positive		% Positive	Number of cases showing changes in the cerebro-spinal fluid
				Male	Female.		
1917	126	108	.....	18		14.28	10
1918	237	206	5	12	14	10.03	14
1919	230	195	.....	23	12	15.27	15
1920	266	232	6	15	13	10.52	13

Changes in Staff.

I regret to report the death of our late Bursar, J. C. Hazard, Esq., who died in December 1919. Mr. Hazard was a cheerful and conscientious official and greatly beloved by all who knew him.

The resignation of our Superintendent of Nurses, Miss MacVicar, is a very great loss to the Nursing staff of our Hospital. Miss MacVicar has accepted a position in the Public Health Service.

Reception Hospital.

One cannot help feeling surprised sometimes at the lack of knowledge displayed in the public addresses of certain men who criticize the Public Institutions of the Dominion and whose chief aim appears to be, not so much ameliorating the condition of the insane, as in creating a feeling of dissatisfaction in the minds of the Public with our existing Institutions. These gentlemen seek to convey the impression that our Hospitals are chiefly places of detention—that very little is attempted in the way of curative treatment.

A striking example of this sort of thing may be found in a paper read before the Mental Hygiene section of the Canadian Medical Association at their meeting in Vancouver in June 1920.

I venture to say that few of these people have any personal knowledge of the work carried on at our Ontario Hospitals and possibly they are entirely ignorant of the fact that a number of our Institutions have Reception Hospitals where every known method of treatment is carried out—where great individual attention is paid to each patient and where the staff of nurses is always adequate, no matter how short it may be in the chronic wards. I make the statement without fear of contradiction that the results we obtain in our Reception Hospital, and the treatment our patients receive, will compare favourably with that of any similar Hospital on the Continent.

It is true that we have a large chronic population and in many cases all we can do is to make their lives as happy and comfortable as circumstances will permit. Unfortunately, a fairly large percentage of our patients are quite hopeless, so far as cure is concerned, when they are admitted. To this class belong the seniles, the epileptics, those suffering from General Paresis, the organic dementias, the imbeciles and a certain number of the Dementia Praecox group.

Balconies.

I have long been an advocate of open air treatment, not only for those suffering from various forms of mental diseases but also for those suffering from chronic diseases of various kinds, such as tuberculosis, anemia, etc. To further this end,

we have erected during the past twelve years a large number of balconies where patients during the summer months actually live and sleep in the open air. These balconies are protected by glass and heated during the winter months and we are thus able to secure the great benefit of sunlight and good ventilation during the entire year.

The results of these balconies in adding greatly to our capacity at a minimum expense, in the actural curative effect on certain chronic diseases, have been so satisfactory, that I am recommending the construction of further balconies wherever possible.

Our tubercular death rate based on the total deaths, for the past five years is scarcely one-half that of the five year period beginning at 1900 and indeed less than one-half that of the tubercular death rate during the past fifty years.

I believe that Hospital construction in the future should more nearly approach that of modern factory buildings, practically all glass and one or possibly two, stories high.

Improvements.

We are engaged at the present time in renovating our Reception Hospital. The lavatories, bath-rooms, and kitchen of this building have all been greatly improved—the floors and walls tiled and modern plumbing installed—new diet kitchens have been installed—and large and splendid balconies constructed at each end of the ward.

Religious Services.

I must again thank the various Clergymen of the City who so kindly officiate at our church service each Sunday morning, often at considerable inconvenience to themselves.

The Roman Catholic Priests of St. Patrick's Parish, who conduct service for numbers of their flock every alternate Sunday and who faithfully look after the spiritual welfare of the sick and dying at any hour of the night and day, are also deserving of my most sincere thanks.

I have the honour to remain,

Your obedient servant,

W. J. Robinson,
Medical Superintendent.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOSPITAL FOR INSANE, LONDON, FOR THE YEAR ENDING OCTOBER 31ST, 1920.

TABLE No. 1.—LONDON.

Showing movements of patients in the Hospital for the Official year ending October 31st, 1920.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital						
In Residence, October 31st, 1919				570	662	1,232
Admitted during year 1919-20..						
By Warrant	32	11	43			
By Medical Certificate	118	113	231	150	124	274
Total number under treatment during year 1919-20				720	786	1,506
Discharges during year:—						
As recovered	43	40	83			
As improved	28	20	48			
As unimproved	3	3	6			
As not insane						
Total number discharged during year	74	63	137			
Died	48	57	105			
Deported	1	4	5			
Eloped	7		7			
Transferred		66	66	130	190	320
Remaining in Hospital, October 31st, 1920	130	190	320	590	596	1,186
Total number admitted since opening of Hospital				4,517	4,209	8,726
Total number discharged since opening of Hospital	1,990	1,931	3,921			
Total number died since opening of Hospital	1,514	1,347	2,861			
Total number deported since opening of Hospital	17	8	25			
Total number eloped since opening of Hospital	157	17	174			
Total number transferred since opening of Hospital	249	310	559	3,927	3,613	7,540
Total remaining in Hospital, October 31st, 1920				590	596	1,186
Daily average population	579	648	1,227			
Collective days' stay of all patients in residence during year	212,138	237,513	449,651			
Number of applications on file						

TABLE No. 2.—LONDON.

Showing social state and religion of patients admitted during the year and since opening of Hospital

	In residence.			Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.									
Single	435	297	732	81	44	125	2,508	1,627	4,135
Married	127	225	352	57	56	113	1,924	2,429	4,353
Widowed	21	72	93	11	23	34	75	151	226
Divorced	2	1	3	.....	1	1	4	2	6
Separated	.....	.....	.....	.....	.....	.....	3	.....	3
Unascertained	5	1	6	1	.....	1	3	.....	3
Total	590	596	1,186	150	124	274	4,517	4,209	8,726
RELIGION.									
Baptists	45	51	96	6	14	20	303	344	647
Congregationalists	4	5	9	1	2	3	36	31	67
Church of England	90	86	176	23	11	34	799	701	1,500
Methodists	122	167	289	30	35	65	1,065	1,153	2,218
Presbyterians	121	145	266	32	30	62	989	925	1,914
Roman Catholics	95	88	183	30	15	45	740	668	1,408
Other Denominations	81	50	131	24	16	40	336	256	592
Unascertained	32	4	36	4	1	5	249	131	380
Totals	590	596	1,186	150	124	274	4,517	4,209	8,726

TABLE No. 3.—LONDON.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total admissions	150	124	274	4,517	4,209	8,726
Total born in Canada	113	101	214	2,941	2,815	5,756
Armenia						
Assyria				2	1	3
Austria	1		1	3		3
Australia						
Belgium				2		2
Bulgaria						
Central America						
China				1		1
Denmark				1	2	3
England	16	9	25	559	447	1,006
France	2		2	7	5	12
Finland				1		1
Galicia						
Germany	2	1	3	53	51	104
Greece						
Holland				2	1	3
Hungary						
Ireland	4	2	6	385	442	827
Italy				3	6	9
Japan						
Macedonia						
Other British Possessions	1		1	8	2	10
Norway						
Roumania	1		1	2		2
Russia	1		1	12	5	17
Scotland	2	4	6	301	234	535
South America				1		1
Spain						
Sweden				6		6
Turkey				5		5
United States	4	3	7	132	121	253
West Indies				2	1	3
Unascertained	3	4	7	88	76	164
Totals	150	124	274	4,517	4,209	8,726

TABLE No. 4.—LONDON.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this year.			Since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.	1	.....	1	86	25	111
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.	8	6	14	318	61	379
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc.	52	.....	52	1,706	121	1,827
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc.	11	.....	11	377	.....	377
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc.	10	4	14	336	142	478
Domestic Service:— Waiters, Cooks, Servants, etc.	2	10	12	27	544	571
Education and Higher Domestic Duties Governesses, Teachers, Students, Housekeepers, Nurses, etc.	3	20	23	56	2,344	2,400
Miners, Marine Engineers, Railway Employees, Seamen, etc.	15	.....	15	76	.....	76
Laborers	34	.....	34	1,069	1	1,070
No Occupation	11	15	26	112	318	430
Unascertained	3	.....	3	228	347	575
Housewives	..	69	69	.....	162	162
Totals	150	124	274	4,391	4,065	8,456

TABLE No. 5.—LONDON.

Showing the counties and districts from which patients have been admitted during the year and since opening of Hospital.

Counties and Districts	Admitted during year.			Admitted Since opening			Warrant Cases. Admitted during year			Warrant Cases. Admitted since opening.			Remaining in residence.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District	....	....	....	12	8	20	....	....	....	8	2	10	1	1	2
Brant	1	....	1	39	37	76	....	....	....	20	12	32	1	4	5
Bruce	11	7	18	330	280	610	2	1	3	168	85	253	54	49	103
Carleton	....	....	....	4	7	11	....	....	....	....	2	2	....	....	....
Dufferin	....	1	1	....	1	1	....	....	....	....	....	....	....	1	1
Dundas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Durham	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
Elgin	8	9	17	326	313	639	1	....	1	83	27	110	42	42	84
Essex	20	15	35	351	303	654	2	1	3	122	64	186	54	62	116
Frontenac	....	....	....	6	8	14	....	....	....	....	1	1	....	....	....
Glengarry	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grenville	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grey	....	....	....	20	24	44	....	....	....	10	9	19	3	3	6
Haldimand	....	....	....	22	24	46	....	....	....	11	3	14	....	....	....
Haliburton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Halton	1	....	1	11	7	18	....	....	....	7	3	10	....	1	1
Hastings	....	....	....	5	9	14	....	....	....	2	5	7	....	....	....
Huron	8	12	20	410	423	833	3	2	5	148	78	226	59	63	122
Kenora	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Kent	17	10	27	346	336	682	6	2	8	101	43	144	53	44	97
Lambton	11	12	23	475	377	852	3	....	3	204	73	277	62	49	111
Lanark	....	....	....	3	3	6	....	....	....	....	1	1	....	....	....
Leeds	....	....	....	....	5	5	....	....	....	....	....	....	....	....	....
Leeds and Addington	....	....	....	3	1	4	....	....	....	1	....	1	....	....	....
Lincoln	....	....	....	11	6	17	....	....	....	8	1	9	....	....	....
Manitoulin	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Middlesex	41	30	71	1111	1113	2,224	9	1	10	322	166	488	126	143	269
Muskoka	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....
Nipissing Dist	1	....	1	1	1	2	....	....	....	....	....	....	....	....	....
Norfolk	....	....	....	34	39	75	....	....	....	23	13	36	....	1	1
Northumberland	....	....	....	15	10	23	....	....	....	4	2	6	....	....	....
Ontario	....	....	....	6	13	19	....	....	....	1	8	9	2	....	2
Oxford	11	12	23	360	305	665	2	3	5	165	49	214	43	53	96
Parry Sound Dist	....	....	....	1	....	1	....	....	....	....	....	....	1	....	1
Peel	....	....	....	5	6	11	....	....	....	3	5	8	....	....	....
Perth	12	13	25	369	340	709	2	1	3	145	71	216	55	57	112
Peterborough	....	....	....	1	6	7	....	....	....	1	6	7	....	....	....
Prescott	....	....	....	2	3	5	....	....	....	1	1	2	....	....	....
Prince Edward	....	....	....	1	1	2	....	....	....	....	1	1	....	....	....
Rainy River Dist	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Renfrew	....	....	....	13	21	34	....	....	....	....	....	....	....	....	....
Russell	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Simcoe	....	....	....	7	7	14	....	....	....	5	7	12	1	1	2
Stormont	....	....	....	12	14	26	....	....	....	1	....	1	....	....	....
Sudbury	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Temiskaming	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Thunder Bay Dist	....	....	....	1	1	2	....	....	....	....	....	....	1	1	2
Victoria	....	....	....	33	22	55	....	....	....	9	9	18	....	....	....
Waterloo	2	....	2	11	8	19	....	....	....	7	7	14	....	....	....
Welland	....	....	....	20	16	36	....	....	....	3	5	8	....	....	....
Wellington	1	1	2	23	28	51	....	....	....	14	11	25	1	1	2
Wentworth	....	....	....	47	48	95	....	....	....	6	9	15	2	1	3
York	1	....	1	34	27	61	....	....	....	30	31	61	3	3	6
Unascertained	4	2	6	35	8	43	2	....	2	3	....	3	25	16	41
Other Provinces	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Totals	150	124	274	4,517	4,209	8,726	32	11	43	1,636	810	2,446	590	596	1,186

TABLE No. 6.—LONDON

Showing the assigned causes of insanity in the cases admitted during the year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Unascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.)	11	8	19	2	4	6	13
Mental Strain, Worry and Overwork (not included in above)	14	18	32	3	6	9	23
Religious Excitement	2	2	4	1	.....	1	3
Love Affairs, including seduction	.....	3	3	.....	.....	.....	3
Fright and Nervous Shock	4	2	6	2	1	3	3
PHYSICAL.							
Alcoholism	1	.....	1	.....	.....	.....	1
Sexual Excess	1	.....	1	.....	.....	.....	1
Venereal Diseases	1	.....	1	.....	.....	.....	1
Masturbation	1	.....	1	.....	.....	.....	1
Insolation	.....	.....	.....	.....	.....	.....	.....
Accident or Injury	2	1	3	.....	.....	.....	3
Pregnancy	.....	1	1	.....	.....	.....	1
Parturition and Puerperium	.....	.....	.....	.....	.....	.....	.....
Lactation	.....	.....	.....	.....	.....	.....	.....
Climacteric Period	.....	.....	.....	.....	.....	.....	.....
Fevers	.....	.....	.....	.....	.....	.....	.....
Privation and Overwork	2	7	9	.....	3	3	6
Epilepsy	3	1	4	2	1	3	1
Other Convulsive Diseases	.....	1	1	.....	1	1	.....
Diseases of Brain and Skull	.....	.....	.....	.....	.....	.....	.....
Senility	14	7	21	2	5	7	14
Exophthalmic Goitre	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza	3	3	6	1	.....	1	5
Abuse of Drugs	2	1	3	.....	.....	.....	3
Loss of Special Sense	.....	.....	.....	.....	.....	.....	.....
Uræmia	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases	.....	.....	.....	.....	.....	.....	.....
HEREDITARY.							
Congenital Defect	.....	3	3	.....	3	3	.....
Unascertained	89	66	155	12	18	30	125
Not Insane	.....	.....	.....	.....	.....	.....	.....
Totals	150	124	274	25	42	67	207

TABLE No. 7.—LONDON.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during year.			Since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch	8	12	20	135	138	273
Maternal Branch	3	12	15	146	195	341
Paternal and Maternal Branches	2	3	5	59	69	128
Collateral Branches	10	6	16	329	270	599
No Hereditary Tendency	87	68	155	1,031	1,081	2,112
Unascertained	40	23	63	447	383	830
Totals	150	124	274	2,147	2,136	4,283

TABLE No. 8.—LONDON.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total
Number Granted Discharge	65	83	148
Discharged, Recovered	26	30	56
" Improved	13	8	21
" Unimproved	2	.....	2
Died	.....	.....	.....
Returned to Hospital	20	29	49
Absent on Probation on October 31st 1920	4	16	20
Totals	65	83	148

TABLE No. 9.—LONDON.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever				6	3	9
Influenza				3	2	5
Cerebro-spinal Meningitis					1	1
Diphtheria						
Erysipelas				7	10	17
Septicæmia	1		1	12	12	24
Dysentery				52	68	120
Syphilis				1	1	2
Tuberculosis	4	5	9	184	225	409
Constitutional Diseases:—						
Rheumatism				1	1	2
Arthritis Deformans				1	1	2
Diabetes Mellitus				6	2	8
Diseases of the Digestive System:—						
Mouth, salivary gland				1		1
Pharynx						
Tonsils						
Œsophagus				1		1
Diseases of the Intestines				1	1	2
Diseases of the Liver				13	15	28
" " Pancreas				1	1	2
" " Peritoneum		1	1	33	28	61
Diseases of the Respiratory System:—						
Diseases of the Nose						
" " Bronchi				19	12	31
" " Lungs	7	9	16	97	119	216
" " Pleura				6	2	8
Diseases of the Circulatory System:—						
Diseases of the Pericardium					2	2
" " Heart	4	1	5	93	94	187
Arterio-sclerosis	2	2	4	18	26	44
Aneurism				4	1	5
Diseases of the Blood and Ductless Glands:—						
Anæmia				3	5	8
Pernicious Anæmia	1	1	2	4	3	7
Leukæmia				1		1
Exophthalmic Goitre				1	1	2
Diseases of the Genito-Urinary System	1	1	2	23	9	32
Diseases of the Nervous System:—						
Diseases of the Nerves				5	5	10
" " Spinal Cord					1	1
" " Meninges				11	7	18
Totals.—*Carried Forward*	20	20	40	608	658	1,266

TABLE No. 9.—LONDON.—*Continued*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Totals.—*Brought Forward*	20	20	40	608	658	1,266
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage and other gross lesions)	7	1	8	109	68	177
Functional Nervous Diseasess, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)				29	13	42
Epilepsy	4	2	6	134	79	213
Mental Diseases:—						
Exhaustion of Acute Mental Disease		3	3	82	84	166
Exhaustion of Chronic Mental Disease	6	17	23	73	93	166
General Paresis	7	1	8	156	21	177
Intoxications:—						
Alcoholism						
Morphinism						
Metallic Poisoning						
Heat Stroke					1	1
Debility of Old Age	3	11	14	216	217	433
Accident				11	8	19
Suicide				15	10	25
Surgical Diseases				3	4	7
Gynæcological Diseases					1	1
Malignant New Growths, or Cancer	1	2	3	21	39	60
Totals	48	57	105	1,457	1,296	2,753

TABLE No. 10.—LONDON.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Infection Psychoses:—									
(a) Fever Delirium	....	....	....	....	....	....	....	....	....
(b) Infection Delirium	....	....	....	....	....	....	....	....	....
(c) Post Infection Psychoses	....	1	1	....	....	....	....	....	....
Exhaustion Psychoses:—									
(a) Collapsed Delirium	....	....	....	....	....	....	1	4	5
(b) Acute Confusional Psychoses	....	1	1	....	....	....	....	....	....
(c) Neurasthenia	3	2	5	2	3	5	....	....	....
Intoxication Psychoses:—									
(a) Acute Intoxications	1	....	1	....	....	....	....	....	....
(b) Chronic	2	....	2	1	....	1	....	....	....
(a) Alcoholism (acute and chronic)	1	....	1	....	....	....	....	....	....
(b) Delirium Tremens	....	....	....	....	....	....	....	....	....
(c) Korsakow's Psychoses	....	....	....	....	....	....	....	....	....
(d) Acute Alcoholic Hallucinosis	....	....	....	....	....	....	....	....	....
(e) Alcoholic Hallucinatory Dementia	....	....	....	....	....	....	....	....	....
(f) " Paranoia	....	....	....	....	....	....	....	....	....
(g) " Paresis	....	....	....	....	....	....	....	....	....
(h) Morphinism	....	2	2	4	....	4	....	....	....
(i) Cocainism	....	....	....	....	....	....	....	....	....
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses	....	....	....	....	....	....	....	....	....
(b) Cretinism	....	....	....	....	....	....	....	....	....
Dementia Praecox:—									
(a) Hebaphrenic	14	16	30	7	12	19	2	4	6
(b) Catatonic	31	21	52	26	8	34	8	12	20
(c) Paranoid	8	6	14	2	....	2	2	....	2
General Paresis	9	2	11	....	....	....	7	1	8
Organic Dementias:—									
(a) Cerebral Sclerosis	1	1	2	....	....	....	1	....	1
(b) Huntingdon's Chorea	....	....	....	....	....	....	....	....	....
(c) Multiple Sclerosis	....	....	....	....	....	....	....	....	....
(d) Cerebral Syphilis	....	....	....	....	....	....	....	....	....
(e) Tabetic Psychoses	2	....	2	....	....	....	....	....	....
(f) Arterio Sclerotic Psychoses	....	2	2	....	....	....	1	....	1
(g) Cerebral Tumor, Abscess, Hæmorrhage	....	....	....	....	....	....	....	....	....
Involution Psychoses:—									
(a) Melancholia	2	9	11	....	....	....	....	1	1
(b) Pre-senile Delusional Psychoses	3	5	8	1	3	4	....	....	....
(c) Senile Dementia	18	21	39	5	4	9	14	16	30
Manic Depressive Psychoses:—									
(a) Manic States	16	10	26	8	9	17	1	2	3
(b) Depressed States	14	13	27	10	14	24	1	3	4
(c) Mixed States	1	....	1	4	4	8	....	1	1
Paranoia	2	....	2	....	....	....	....	....	....
Carried Forward	130	110	240	70	57	127	38	44	82

TABLE No. 10.—LONDON.—*Continued*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male	Female	Total	Male	Female	Total	Male.	Female.	Total.
Brought Forward	130	110	240	70	57	127	38	44	82
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	5	2	7	2	2	4	3	2	5
(b) Hysterical Psychoses									
(c) Sexualis Psychopathia									
(d) Anxiety Neurosis		1	1						
States of Deficient Mental Development:—									
(a) Imbecility	15	4	19	2	4	6	4	1	5
(b) Idiocy									
Not Diagnosed		7	7				3	10	13
Not Insane									
Totals	50	124	274	74	63	137	48	57	105

TABLE No. 11.—LONDON.

Periods	Alleged duration of insanity prior to admission	Length of residence of those remaining in Hospital on Oct. 31st, 1920.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month	48	15	4		3	9
From 1 to 2 months	20	15	1	1	1	10
" 2 " 3 "	20	31	4	1	1	6
" 3 " 4 "	18	18	9	3	1	4
" 4 " 5 "	10	8	9	3		2
" 5 " 6 "	7	15	6	10		7
" 6 " 9 "	20	23	15	6		5
" 9 " 12 "	12	44	12	5		5
" 12 " 18 "	10	62	8	7		7
" 18 months to 2 years	18	29	4	4		3
" 2 " 3 years	25	75	4			2
" 3 " 4 "	15	73	1	1		3
" 4 " 5 "	16	48		4		5
" 5 " 10 "	15	225	5	3		10
" 10 " 15 "	10	160				2
" 15 " 20 "	5	110				9
" 20 years and upwards	5	235	1			16
Totals	274	1,186	83	48	6	105

NOTE—This total must agree with the total admissions of the year.

THE ONTARIO HOSPITAL, MIMICO.

W. W. Dunlop, Esq.,
Inspector of Prisons and Public Charities,
Parliament Buildings, Toronto, Ontario.

Sir:— In accordance with the requirements of the Statute I have the honour to submit the twenty-sixth Annual Report of the Ontario Hospital at Mimico for the year ending October 31st, 1920.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	300	300	600			
There were in residence on October 31st, 1919				347	328	675
Admitted during year by Warrant	51	22	73			
Admitted during year by certificate	31	54	85			
Voluntary Admissions						
Total admitted during the year				82	76	158
Total number under treatment during the year				429	404	833
Discharged during year as recovered	24	21	45			
Discharged during year as improved	14	6	20			
Discharged during year as unimproved		3	3			
Discharged during year as not insane						
Total discharged during the year	38	30	68			
Number died during the year	35	25	60			
Number eloped during the year	4		4			
Number transferred during the year	38	40	78			
Number deported during the year	3	1	4			
Total number leaving Hospital during year				118	96	214
Total number remaining in Hospital on October 31st, 1920				311	308	619

Admissions.

During the official year there were one hundred and fifty-eight patients admitted to this hospital, seventy-three by Lieutenant-Governor's Warrant and eighty-five by Medical Certificates. Of this number eighty-two were men and seventy-six were women. Sixty-two of those admitted were single and seventy-four were married, while ten men and twelve women had lost their helpmates. Of the sixty-two single persons admitted forty-seven were men and fifteen were women, and of the seventy-four who were married, twenty-five were men and forty-nine were women. Among the men admitted an hereditary predisposition could be traced according to their histories in nineteen cases, and among the women in twenty-three cases, amounting in all to twenty-six per cent of the total number of admissions.

Adverse conditions such as loss of friends, business troubles, mental strain, worry and overwork were believed to have been contributory causes in twenty-one cases, four being men and seventeen being women, and so called religious excitement was mentioned as a factor in the causation in five cases, three being men and two being women. Only one case was ascribed to alcoholic addiction and this case was a woman. Nine cases were directly traceable to the exhaustion succeeding Influenza, six men and three women, and four cases were caused by accident or injury and four by epilepsy.

Of the total number admitted during the year twenty-five patients were reported to have been ill less than two months before their admission and sixty-one other cases were ill less than twelve months while seventy-two cases had been ill over a year before their admission to the Hospital for treatment.

One hundred and eleven of the patients admitted during the year were born in Canada, fifty-four men and fifty-seven women; twenty were born in England, four in Ireland and two in Scotland. Four were natives of Austria, five of Italy and two were born in the United States.

Of the total number admitted forty were of the Roman Catholic faith, thirty-four were members of the Church of England, thirty-eight were Methodists, twenty-five were Presbyterians, four were Baptists and twelve belonged to other denominations.

Thirty-two of the total number admitted were laborers, fourteen were mechanics, twenty-four were agriculturists, sixty-five were engaged in Educational and higher domestic duties, five were domestic servants and eleven had no occupation.

Three patients of the total number admitted were under twenty years of age, twenty-one were between twenty and thirty years, forty-five were between thirty and forty years, thirty-five between forty and fifty years, eighteen between fifty and sixty years, nineteen between sixty and seventy years, eleven between seventy and eighty years, one reaching the ripe old age of four score and eight years before he was admitted.

Discharges.

During the year there were sixty-eight patients discharged from this Hospital, thirty-eight men and thirty women, and seventy-eight were transferred to other hospitals, thirty-eight men and forty women. There were also seventy-two patients, thirty-five men and thirty-seven women allowed to go to their homes on trial with their friends, and of this number only fifteen, seven men and eight women were obliged to return to the Hospital after varied periods of residence at home. Of the total number discharged, thirty-eight had been under treatment in the Hospital for a period less than a year, indicating the relative curability during the early stages of the illness while the possibility of improvement or recovery is illustrated by the fact that a man was discharged recovered after a residence of nearly seven years.

Deaths.

During the past official year sixty patients died at this Hospital, thirty-five men and twenty-five women. Of this number twenty-three died under the age of fifty years, thirteen between fifty and sixty years, twelve between sixty and seventy years, ten between seventy and eighty years, and two were over eighty.

In thirteen cases death was due to pneumonia, in eight cases to exhaustion of mental disease, in seven to cardiac disease, in six to tuberculosis, in six to old age, in four to apoplexy and in three to epilepsy.

Small Pox.

The prevalence of small pox in Toronto and the immediate community during the early part of the last official year made it necessary to protect the patients at this Hospital by bringing into operation every possible precautionary measure. A limited quarantine by which the visits of relatives to their friends were considerably curtailed was first imposed about the middle of November 1919, but the restrictions of a complete quarantine were not enforced until nearly a month later. In the meantime all employees and patients who were considered susceptible to the disease were vaccinated, and it was found that about sixty per cent. of the whole number vaccinated re-acted positively to the virus. Largely through these preventive measures—vaccination and quarantine—the Hospital population was fortunate enough to pass through the epidemic unaffected, not one patient suffering from the disease.

The quarantine regulations imposed on account of the small pox were beneficial in an entirely different way, namely in affording equal protection to the patients against the epidemic influenza which became so serious in the early months of 1920.

The relatives of many of the patients repeatedly expressed their hearty appreciation of the precautionary measures and willingly accommodated themselves to the deprivation of suspended visits during the period of quarantine, and when Christmas came they were, if possible, more generous than ever before in the number and value of their gifts to their friends.

Return to Normal Accommodation.

At the time of the completion of this Hospital the normal accomodation was fixed at six hundred patients, three hundred men and three hundred women and this computation was based on the cubic air space of the dormitories, although in some instances there was even with this estimate barely sufficient allowances of air space for each patient.

During the period of the construction of the Ontario Hospital at Whitby, inquiries were made by the Department in order to ascertain if some additional patients beyond the normal number could possibly be admitted temporarily at this place until the completion of the Whitby Hospital when, of course, the temporary over-crowding would be relieved by transfers to the new Hospital.

After a very careful consideration of the subject it was decided to undertake to provide temporarily for an increase of ten per cent. of the recognized capacity of the Hospital, and instead of the accommodation being limited to six hundred patients, sixty additional beds would be provided, and the accommodation would be raised for a few months to six hundred and sixty beds.

Farms for Benefit of Patients.

Unless reference is repeatedly made to the fact, and unless the fact is emphasized in every possible way there is on every hand a strong disposition to overlook the most valuable and important side of the operations of the farm and gar-

den. Under ordinary circumstances the value of a farm or garden is estimated by its yearly products and these are measured by bushels or tons and finally reduced to the basis of dollars and cents. During past years the local farmers at this place and also the Farm Directors have evinced an ever-present and laudable tendency to produce tangible results by the farming operations which may be demonstrated to any observer in the usual unquestioned way. The Medical Superintendent who tries to keep constantly in his mind the care and well-being of his patients and their improvement and recovery has a somewhat different point of view and to him the money value of the farm and garden products is of secondary consideration when compared with the benefits which are the outcome of their occupation in these channels. The market value of a bushel of potatoes or a ton of hay or a thorough-bred animal is of much less importance than the interest and help awakened in the patients by these products. Notwithstanding the human tendency to over-look these facts the Ministers and Inspectors have always very properly recognized the supreme importance of all of these activities being regarded as remedial measures under the direction of the medical staff.

Farm.

Never in the history of the farm have the crops in ensilage, mixed grains and hay been better than during the past season. After filling the large silos there were about sixty tons of surplus ensilage corn and this will be sufficient for fodder for the cows and young cattle until the beginning of the new year without using any of that stored in the silos. The hay crop amounting to one hundred and thirty-four tons and which is exceptionally valuable this year will hardly be used up before another harvest. Three thousand bushels of mixed barley and oats will provide all the chopped fodder that can be advantageously used for the stock.

The root crop with the exception of the mangolds, was very satisfactory both in quantity and quality. Two thousand bushels of potatoes (five hundred from the garden), will supply the needs of the patients till the spring months are well advanced. Ten tons of carrots and sixty tons of turnips will supply a useful variety to the other fodder for the stock.

The volume of attention and work contributed by the Farmer and his staff to the products of the Diary and Piggery is so quietly and continously expended that it is liable to pass almost unrecognized, but its annual value is well worth noting. During the past year the herd of cows yielded 30852 gallons of milk all of which was used by the patients and employees. At the same time there were produced at the piggery sixty-seven hogs for sale and fifty-nine for institution consumption.

Garden.

The supplies of fruit and vegetables from the garden is a matter of great consequence to the patients every year. The infinite care and attention necessary for the cultivation and harvesting of over thirty varieties of fruits and vegetables can hardly be estimated by the average individual and yet the work proceeds so quietly and definitely that the products have come to be regarded as certain as the return of the Seasons or the sunshine and rain. Over one hundred and fifty men and women have been engaged at various times during the past summer

on the grounds and in the garden and the work which they performed not only blessed them while doing it but also the whole hospital population who afterwards shared in the products.

Fire Hall.

After the completion of the Hose Tower during the latter part of last year the next step toward making the fire department more efficient was to incorporate a section of a store room and driving shed situated adjacent to the Hose Tower by erecting a substantial wall and converting the space into a Fire Hall. All the nozzles and hose and hose-reels, axes, ladders, helmets and other fireman's equipment are now assembled in this Fire Hall where they will be easily accessible whenever they may be needed, and once more the management desires to express appreciation of the support and assistance of Captain Crawford, the Inspector of the Fire Department in bringing about this efficient standard.

Renewals at Dock and Boat House.

With the passing of years the floor of the Boat House had become so far decayed that its renewal was a necessity. Age and the destructive action of the water had made similar inroads upon the Dock in front of the boat house and its entire re-construction seemed to be the only reasonable remedy. The old cement covered wharf had been extensively damaged during recent years by heavy storms, and a shelter for the launch was much needed. The counsel of Mr. Fairbairn, the Deputy Minister of Public Works, was solicited and he decided that all of these items of work should be undertaken at once and he furnished plans and specifications so that the work might proceed under the direction of the Carpenter and Engineer at this place. The unusually low water levels during the past summer were especially favourable for all these undertakings and they have now all been satisfactorily completed, and this part of the water-front presents a much better appearance.

Lavatories and Pantries.

The plumbing in the Cottages which were constructed over thirty years ago has been practically unchanged for all that long period and until the past year there has been no serious attempt made to bring it up to a modern standard. Mr. James Govan, the Architect of the Department, had plans prepared and placed the work under the supervision of Mr. Barron the Chief Plumber, who has been proceeding with the re-construction of the lavatories and pantries as rapidly as the labour conditions would allow. The four front Cottages have not yet been completed but the tiling of the floors and walls and a good deal of the plumbing has been well advanced. Gradually, and it is to be hoped with greater celerity, the work of improving and renovating the corresponding rooms in the other remaining Cottages will be undertaken and then the sanitary condition of the Hospital will no longer be a matter reflecting inattention.

Re-wiring Assembly Hall.

Owing to unavoidable delays in acquiring materials for electrical work the re-wiring at this Hospital was limited this year to the Store and Assembly Hall. This work was of a difficult character because of the small space between the ceiling and the roof but it has now been completed and leaves this building and its valuable contents in much greater safety than formerly.

The only remaining parts of the institution which have not so far been re-wired are the electrical generating room, the carpenters' shop and the stables all of which will be re-wired, if possible, during the coming official year.

Non-resident Assistant Medical Officers.

Not only during the war but even since the declaration of peace there has been greater difficulty than ever before in the history of this Hospital in securing suitable officers for the Medical Service and the work has been heavy indeed upon those who have remained to undertake it. The regular Medical Staff at this place has comprised a Medical Superintendent and three Assistant Medical Officers but at one time during the early spring just past it had been so reduced that the Medical Superintendent was left entirely alone for several days without Assistant Officers. In the emergency I was fortunately able to enlist the services of two local non-resident Physicians each of whom spent half of every day at the Hospital here. Dr. D. Stirling MacLennan and Dr. Hartley R. Conn of New Toronto, visited the patients in the Cottages every day for several weeks and assisted in dispensing and generally performing the duties of permanently appointed Officers and their services were of a high order and of great value. An extremely pleasing sequel of the incident is that the interest which was awakened in these Medical gentlemen by their services here has not abated and they continue to be frequent visitors to their old patients who learned to know and appreciate them while they were here on duty.

Officers and Employees.

The health of Dr. F. L. Neely was not good during the past winter and he was granted leave of absence in April in the hope that rest and a change of environment would restore him to his former health and strength. This hope was realized and upon his return in August he was transferred to the Ontario Hospital at Hamilton as Assistant Medical Superintendent.

After a period of three and a half months excellent service from October 1st, 1919, to January 15th, 1920, Dr. T. D. Cumberland was worthily promoted to the position of Assistant Medical Superintendent at the Ontario Hospital at Whitby.

Dr. Charles R. Graham was temporarily transferred from the Ontario Hospital at Hamilton to this place in April, and he gave several months of splendid service to this Hospital at a time when it was greatly needed.

Dr. Claude A. McClenahan was promoted from the position of Assistant Physician at the Ontario Hospital at Toronto to the post of Assistant Medical Superintendent at this place on August 4th, 1920, succeeding Dr. Neely.

Dr. Henry B. Moyle was appointed to the position of Assistant Physician on October 12th, 1920, succeeding Dr. Cumberland.

During the year one hundred and thirty-one employees, eighty-three men and forty-eight women, were engaged to fill various positions which had been vacated by resignations or other reasons.

Gratefully acknowledging your generous consideration and helpful counsel during the past year.

I have the honour to be,
Sir,
Your obedient servant,
N. H. Beemer.

November 30th, 1920.

W. W. Dunlop, Esq.,

Inspector of Ontario Hospitals,

Parliament Buildings,

Toronto, Ontario.

Re Statistical Part of Annual Report.

Sir:—I have the honour to enclose herewith the Statistical Part of the Annual Report of this Hospital for the year ending October 31st, 1920.

I have the honour to be, Sir,

Your obedient servant,

N. H. Beemer.

Superintendent.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOSPITAL FOR INSANE, MIMICO, FOR THE YEAR ENDING OCTOBER 31st,1920

TABLE No. 1.—MIMICO

Showing movements of patients in the Hospital for the official year ending October 31st, 1920.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	300	300	600			
In Residence, October 31st, 1920				347	328	675
Admitted during year 1919-20:—						
By Warrant	51	22	73			
By Medical Certificate	31	54	85	82	76	158
Total number under treatment during year 1919-20				429	404	833
Discharges during year:—						
As recovered	24	21	45			
As improved	14	6	20			
As unimproved		3	3			
As not insane						
Total number discharged during year	38	30	68			
Died	35	25	60			
Deported	3	1	4			
Eloped	4		4			
Transferred	38	40	78	118	96	214
Remaining in Hospital, October 31st, 1920				311	308	619
Total number admitted since o pening of Hospital				2,229	2,001	4,230
Total number discharged since opening of Hospital	776	696	1,472			
Total number died since opening of Hospital	683	567	1,250			
Total number deported since opening of Hospital	54	11	65			
Total number deported since opening of Hospital	58	1	59			
Total number transferred since opening of Hospital	347	418	765	1,918	1,693	3,611
Total remaining in Hospital, Octobe 31st. 1920				311	308	619
Daily average population	321.77	314.89	636.66			
Collective days' stay of all patients in residence during year	117,447	114,934	232,381			
Number of applications on file	16	16	32			

TABLE No. 2.—MIMICO.

Showing social state and religion of patients admitted during the year and since the opening of Hospital.

	Admissions of Year.			In Residence.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.									
Single	47	15	62	215	124	339	1,364	745	2,109
Married	25	49	74	81	155	236	797	1,174	1,971
Widowed	10	12	22	15	29	44	68	79	147
Divorced	.....	.....	.....	.....	.....	.....	.....	3	3
Separated	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unascertained	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	82	76	158	312	308	619	2,229	2,001	4,230
RELIGION.									
Baptists	3	1	4	9	11	20	67	83	150
Congregationalists	.....	.....	.....	1	1	2	4	7	11
Church of England	13	21	34	66	64	130	432	446	878
Methodists	15	23	38	58	85	143	471	507	978
Presbyterians	17	8	25	72	57	129	433	373	806
Roman Catholics	24	16	40	78	63	141	550	440	990
Other Denominations	6	6	12	18	17	35	183	92	275
Unascertained	4	1	5	9	10	19	89	53	142
Totals	82	76	158	311	308	619	2,229	2,001	4,230

TABLE No. 3.—MIMICO.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of year.			Admissions since opening		
	Male.	Female.	Total.	Male.	Female.	Total.
Total admissions	82	76	158	2,229	2,001	4,230
Total born in Canada	54	57	111	1,457	1,382	2,839
Armenia						
Assyria				2		2
Austria	2	2	4	37	8	45
Australia				1		1
Belgium						
Bulgaria				1		1
Central America						
China				3		3
Denmark				1		1
England	9	11	20	244	214	458
France				8	2	10
Finland	3	2	5	36	12	48
Galicia				2		2
Germany	1		1	27	9	36
Greece	1		1	5		16
Holland				1		1
Hungary				2		2
Ireland	2	2	4	170	195	365
Italy	4	1	5	27	5	32
Japan						
Macedonia				1		1
Other British Possessions				6	8	14
Norway				10	3	13
Roumania	1		1	1	3	4
Russia	2		2	23	13	36
Scotland	2		2	88	79	167
South America						
Spain					1	1
Sweden				17	12	29
Turkey						
United States	1	1	2	37	38	75
West Indies				2		2
Unascertained				20	17	37
Totals	82	76	158	2,229	2,001	4,230

TABLE No. 4.—MIMICO

Showing the occupation of those admitted during the year and since the opening of the Hospital

Occupation.	Admitted this year.			Since Opening		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Architects, Lawyers, Artists, Authors, Civil Engineers, Surveyors, etc.	1	.....	1	78	8	86
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc	2	.....	2	163	26	189
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc.	24	.....	24	638	.....	638
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc	8	.....	8	230	2	232
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc	3	3	6	130	68	198
Domestic Service:— Waiters, Cooks, Servants, etc	2	3	5	12	245	257
Education and Higher Domestic Duties Governesses, Teachers, Students, Housekeepers, Nurses, etc	1	64	65	26	1,413	1,439
Miners, Marine Engineers, Railway Employees, Seamen, etc	4	.....	4	74	.....	74
Laborers	32	.....	32	727	2	729
No Occupation	5	6	11	84	190	274
Unascertained	.....	.....	.....	67	47	114
Totals	82	76	158	2,229	2,001	4,230

TABLE No. 5.—MIMICO.

Showing the counties and districts from which patients have been admitted during the year and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases. Admitted during year			Warrant cases. Admitted since opening			Remaining in residence.		
	Male.	Female	Total.	Male.	Female	Total.	Male.	Female.	Total.	Male.	Female	Total.	Male.	Female.	Total.
Algoma District	8	4	12	112	88	200	7	2	9	90	45	135	19	13	32
Brant				7	5	12				3	1	4		1	1
Bruce				4	4	8				3	1	4			
Carleton				10	11	12				8	6	14	1		1
Dufferin				6	3	9				2	1	3	1	1	2
Dundas				3	5	8				2	3	5	2		2
Durham				15	20	35				7	8	15	3	3	6
Elgin				6		6				4		4			
Essex				6	2	8					1	1			
Frontenac				12	17	29				5	7	12			
Glengarry				2	2	4				1		1			
Grenville				4	6	10				2	3	5			
Grey	1		1	20	18	38				12	8	20	2	6	8
Haldimand				1	1	2							1		1
Haliburton	1	2	3	7	6	13	1	1	2	5	3	8	1	1	2
Halton				6	11	17				1	2	3		1	1
Hastings				24	33	57				15	25	40		1	1
Huron				5	6	11				1	1	2			
Kenora				1	2	3					2	2	1	2	3
Kent				4		4				4		4	2		2
Lambton				5	5	10				4	3	7			
Lanark				9	8	17				7	6	13			
Leeds				1	3	4				1	2	3			
Lennox and Addington				4	5	9				3	5	8			
Lincoln				2	2	4									
Manitoulin		1	1	18	12	30		1	1	10	7	17		5	5
Middlesex				16	6	22				8	1	9	1		1
Muskoka District	2	2	4	68	56	124	1		1	35	13	48	4	5	9
Nipissing District	13	2	15	218	113	331	11	1	12	175	61	236	26	14	40
Norfolk				3	4	7				2	1	3			
Northumberland				26	24	50				13	9	22	2		2
Ontario	7	4	11	171	177	348	4	1	5	84	43	127	20	21	41
Oxford				9	2	11				7	2	9	1		1
Parry Sound Dist.	4	5	9	85	65	150	2	2	4	50	25	75	21	19	40
Peel	7	8	15	109	117	226		1	1	37	27	64	22	22	44
Perth				9	2	11				4		4	2		2
Peterborough	6	10	16	146	178	324	4		4	87	45	132	24	35	59
Prescott				4	3	7				4	3	7			
Prince Edward				3	6	9				3	2	5			
Rainy River Dist		2	2	41	28	69		2	2	35	21	56	5	6	11
Renfrew				4	5	9				4	3	7			
Russell				3	1	4				3		3			
Simcoe	9	17	26	300	274	574	3	2	5	108	49	157	41	41	82
Stormont		2		1	2	3					1	1			
Sudbury	2	4	4	8	10	18	2	2	4	6	7	13	4	6	10
Temiskaming	7	4	11	18	10	28	4	2	6	16	4	20	9	7	16
Thunder Bay Dist.	7	3	10	116	75	191	6	2	8	107	64	171	15	12	27
Victoria	6	5	11	162	145	307	5	3	8	107	41	148	31	27	58
Waterloo				5	2	7				3	1	4	1		1
Welland		1	1	3	3	6				2	2	4	1		1
Wellington	1	1	2	5	5	10					1	1	1	1	2
Wentworth					10	10					3	3		2	2
York	1	3	4	392	400	792	1		1	195	172	367	47	55	102
Unascertained				10	3	13				2	3	5			
Other Provinces															
Totals	82	76	158	2,229	2,001	4,230	51	22	73	1,287	744	2,031	311	308	619

TABLE No. 6.—MIMICO.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.)	3	6	9	1	1	2	7
Mental Strain, Worry and Overwork (not included in above	1	11	12	.....	4	4	8
Religious Excitement	3	2	5	1	1	2	3
Love Affairs, including seduction	.....	.....	.....	.....	.....	.....	.....
Fright and Nervous Shock	.....	1	1	.....	.....	.....	1
PHYSICAL.							
Alcoholism	.....	1	1	.....	.....	.....	1
Sexual Excess	.....	.....	.....	.....	.....	.....	.....
Venereal Diseases	1	.....	1	.....	.....	.....	1
Masturbation	1	.....	1	.....	.....	.....	1
Insolation	2	.....	2	.....	.....	.....	2
Accident or Injury	2	2	4	.....	.....	.....	4
Pregnancy	.....	1	1	.....	1	1	.....
Parturition and Puerperium	.....	1	1	.....	.....	.....	1
Lactation	.....	1	1	.....	1	1	.....
Climacteric Period	.....	1	1	.....	.....	.....	1
Fevers	1	.....	1	.....	.....	.....	1
Privation and Overwork	1	1	2	.....	.....	.....	2
Epilepsy	3	1	4	1	.....	1	3
Other Convulsive Diseases	1	2	3	1	1	2	1
Diseases of Brain and Skull	3	.....	3	1	.....	1	2
Senility	1	.....	1	.....	.....	.....	1
Exophthalmic Goitre	.....	1	1	.....	.....	.....	1
Epidemic Influenza	6	3	9	3	1	4	5
Abuse of Drugs	.....	1	1	.....	1	1	.....
Loss of Special Sense	.....	.....	.....	.....	.....	.....	.....
Uræmia	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection	2	.....	2	1	.....	1	1
Other Bodily Diseases	1	3	4	.....	2	2	2
HEREDITARY.							
Congenital Defect	3	1	4	2	1	3	1
Unascertained	47	36	83	8	9	17	66
Not Insane	.....	.....	.....	.....	.....	.....	.....
Totals	82	76	158	19	23	42	116

TABLE No. 7.—MIMICO.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during year.		
	Male.	Female.	Total.
Paternal Branch	8	5	13
Maternal Branch	6	6	12
Paternal and Maternal Branches		1	1
Collateral Branches	4	7	11
No Hereditary Tendency	25	20	45
Unascertained	39	37	76
Totals	82	76	158

TABLE No. 8.—MIMICO.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number Granted Discharge	35	37	72
Discharged, Recovered	11	14	25
" Improved	6	1	7
" Unimproved			
Died			
Returned to Hospital	7	8	15
Absent on Probation on October 31st, 1920	11	14	25

TABLE No. 9.—MIMICO

Showing the causes of death of patients who died during the year and since the opening of the Ho pital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever				5	5	10
Influenza				3	4	7
Cerebro-spinal Meningitis						
Diphtheria						
Erysipelas				3	3	6
Septicaemia				7	4	11
Dysentery				10	18	28
Syphilis				1		1
Tuberculosis	3	3	6	78	108	186
Constitutional Diseases:—						
Rheumatism				2		2
Arthritis Deformans						
Diabetes Mellitus				3	4	7
Diseases of the Digestive System:—						
Mouth, salivary glands						
Pharynx						
Tonsils						
Œsophagus						
Stomach				1	1	2
Diseases of the Intestines:—						
Diseases of the Liver		1	1	4	3	7
" " Pancreas				1	1	2
" " Peritoneum				9	7	16
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx				1		1
" " Bronchi	3	1	4	6	4	10
" " Lungs	9	3	12	53	35	88
" " Pleura				1		1
Diseases of the Circulatory System:—						
Diseases of the Pericardium				1	1	2
" " Heart	5	2	7	57	47	104
Arterio-sclerosis	1	3	4	6	8	14
Aneurism	1		1	1	1	2
Diseases of the Blood and Ductless Glands:—						
Anæmia				6	7	13
Pernicious Anæmia		1	1	4	2	6
Leukæmia				1		1
Exophthalmic Goitre					1	1
Diseases of the Genito-Urinary System	2		2	8	3	11
Total—*Carried Forward*	24	14	38	272	267	539

TABLE No. 9.—MIMICO—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Brought Forward	24	14	38	272	267	539
Diseases of the Nervous System:—						
Diseases of the Nerves					2	2
" " Spinal Cord				10	2	12
" " Meninges						
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage and other gross lesions)	3	1	4	51	34	85
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)				6	2	8
Epilepsy	1	2	3	76	28	104
Mental Diseases:—						
Exhaustion of Acute Mental Diseases	3	6	9	82	62	144
Exhaustion of Chronic Mental Diseases		1	1	54	46	100
General Paresis	2		2	44	18	62
Intoxications:—						
Alcoholism						
Morphinism						
Metallic Poisoning						
Heat Stroke						
Debility of Old Age				68	84	152
Accident				3	3	6
Suicide				4	2	6
Surgical Diseases	1		1	3	3	6
Gynæcological Diseases					1	1
Malignant New Growths, or Cancer	1	1	2	10	13	23
Total	35	25	60	683	567	1,250

TABLE No. 10.—MIMICO.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium									
(b) Infection Delirium									
(c) Post Infection Psychoses									
Exhaustion Psychoses:—									
(a) Collapsed Delirium									
(b) Acute Confusional Psychoses									
(c) Neurasthenia									
Intoxication Psychoses:—									
(a) Acute Intoxications	1		1		1	1			
(b) Chronic		1	1						
(a) Alcoholism (acute and chronic)							2		2
(b) Delirium Tremens									
(c) Korsakow's Psychoses									
(d) Acute Alcoholic Hallucinosis									
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia									
(g) " Paresis									
(h) Morphinism		1	1						
(i) Cocainism									
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses									
(b) Cretinism									
Dementia Praecox:—									
(a) Hebaphrenic	8	5	13	5	1	6	3		3
(b) Catatonic	4	7	11		1	1	4	1	5
(c) Paranoid	9	11	20	6	3	9	3	1	4
General Paresis	2	1	3				3		3
Organic Dementias:—									
(a) Cerebral Sclerosis									
(b) Huntingdon's Chorea									
(c) Multiple Sclerosis									
(d) Cerebral Syphilis									
(e) Tabetic Psychoses									
(f) Arterio Sclerotic Psychoses	3		3						
(g) Cerebral Tumor, Abscess, Hæmorrhage	3		3				1		1
Involution Psychoses—									
(a) Melancholia	1	2	3	1		1			
(b) Pre-senile Delusional Psychoses									
(c) Senile Dementia	8	9	17		1	1	3	4	7
Manic Depressive Psychoses:—									
(a) Manic States	14	11	25	14	10	24	5	2	7
(b) Depressed States	20	18	38	11	12	23	7	9	16
(c) Mixed States	1	2	3		1	1	1		1
Paranoia	1		1	1	1	2	1	1	2
Total—*Carried Forward*	75	68	143	38	31	69	33	18	51

TABLE No. 10.—MIMICO.—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Total—*Brought Forward*	75	68	143	38	31	69	33	18	51
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	4	2	6	2	....	2	1	3	4
(b) Hysterical Psychoses	....	....	....	....	....	....	....	....	....
(c) Sexualis Psychopathia	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development:—									
(a) Imbecility	4	5	9	1	....	1	1	1	2
(b) Idiocy	....	....	....	....	....	....	....	....	....
Not Diagnosed	....	....	....	....	....	....	....	3	3
Not Insane	....	....	....	....	....	....	....	....	....
Totals	83	75	158	41	31	72	35	25	60

TABLE No. 11.—MIMICO.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1920.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month	14	22	.....	.....	1	7
From 1 to 2 months	11	9	.....	.....	.....	4
" 2 " 3 "	23	13	2	2	.....	2
" 3 " 4 "	8	19	1	1	.....	1
" 4 " 5 "	5	12	4	2	.....	.....
" 5 " 6 "	6	7	2	.....	.....	3
" 6 " 9 "	10	21	11	3	.....	5
" 9 " 12 "	9	16	7	2	.....	6
" 12 " 18 "	12	31	8	4	1	4
" 18 months to 2 years	7	15	1	4	1	.....
" 2 to 3 years	14	39	6	1	.....	1
" 3 " 4 "	7	42	1	1	.....	5
" 4 " 5 "	7	24	1	.....	.....	2
" 5 " 10 "	15	116	1	.....	.....	4
" 10 " 15 "	3	85	.....	.....	.....	3
" 15 " 20 "	4	68	.....	.....	.....	4
" 20 years and upwards	3	80	.....	.....	.....	9
Totals	158	619	45	20	3	60

NOTE—This total must agree with the total admissions of the year

ONTARIO HOSPITAL, PENETANGUISHENE.

ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT FOR THE YEAR ENDING OCTOBER 31ST, 1920.

W. W. DUNLOP, ESQ.,
Inspector of Ontario Hospitals,
Parliament Buildings, Toronto.

Sir:—In accordance with Statutory requirements I have the honour to submit the Seventeenth Annual Report of the Ontario Hospital, Penetanguishene, for the year ending October 31st, 1920.

POPULATION.

At the beginning of the year there were 165 male and 199 female patients in residence. During the year eight men and seven women died, one woman was written off as eloped, one man was discharged as unimproved and two men and five women were admitted, transfers from other Institutions, one woman and one man are still out on probation, so that at the end of the year we have in residence 158 men and 196 women.

WORK DONE.

No new work was undertaken this year but the repair work in all departments was kept well in hand. The re-building of laundry was started the last week in September.

FIRE IN LAUNDRY.

On Saturday, the 12th of June, about 3 p.m., fire was discovered in the drying room of the laundry building, and, notwithstanding the united efforts of our own fire brigade and that of the Penetanguishene volunteer fire brigade, the building was almost completely gutted. There had been no one in the building since work ceased at 11.30 a.m. and everything had been apparently left secure with electric power turned off, when the engineer closed the doors. Steam had been turned off the driers. The fire started in this end of the building and was attributed to spontaneous combustion.

HEALTH OF COMMUNITY.

Early in the year we had a return of the Influenza Epidemic which attacked only those who had not previously had an attack. The general health of our people has been good.

STAFF.

There has not been any change in the official staff of the Institution, all artisans are still with us and we have been very fortunate in being able to keep our nursing and attendants staff fairly well filled. I have again to thank officers, artisans, nurses, attendants, farm and other employees for their loyal support, and you, Sir, for your counsel.

I have the honour to be,

Your obedient servant,

W. T. WILSON,
Medical Superintendent.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOSPITAL FOR INSANE, PENETANGUISHENE, FOR THE YEAR ENDING OCTOBER 31ST, 1920.

TABLE No. 1.—PENETANGUISHENE.

Showing movements of patients in the Hospital for the official year ending October 31st, 1920.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	166	203	369			
In Residence October 31st, 1919	.....	.....	.....	165	199	364
Admitted during year 1920 —						
By Warrant	2	2	4			
By Medical Certificate	.....	3	3	2	5	7
Total number under treatment during year	.....	.....	.....	167	204	371
Discharges during year:—						
As recovered	.....	.....	.....			
As improved	.....	.....	.....			
As unimproved	1	.....	1			
As not insane	.....	.....	.....			
Total number discharged during year	1	.....	1			
Died	8	7	15			
Deported	.....	.....	.....			
Eloped	.....	1	1			
Transferred	.....	.....	.....	9	8	17
Remaining in Hospital October 31st, 1920	.....	.....	.....	158	196	354
Total number admitted since opening of Hospital	.....	.....	.....	345	414	759
Total number discharged since opening of Hospital	19	22	41			
Total number died since opening of Hospital	131	167	298			
Total number deported since opening of Hospital	10	1	11			
Total number eloped since opening of Hospital	15	2	17			
Total number transferred since opening of Hospital	12	26	38	187	218	405
Total remaining in Hospital October 31st, 1920	.....	.....	.....	158	196	354
Daily average population	162.28	200.17	362.45			
Collective days' stay of all patients in residence during year	59,396	73,262	132,658			
Number of applications on file	.....	.....	.....			

TABLE No. 2.—PENETANGUISHENE

Showing social state and religion of patients admitted during the year and since opening of Hospital

	Admissions of Year.			In residence.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.									
Single	1	1	2	128	126	254	255	202	457
Married	1	3	4	28	67	95	79	199	278
Widowed	.....	1	1	2	3	5	3	6	9
Divorced	.....	.....	.....	.....	.....	.....	.....	.....	.....
Separated	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unascertained	.....	.....	.....	.....	.....	.....	8	7	15
Total	2	5	7	158	196	354	345	414	759
RELIGION.									
Baptists	.....	.....	.....	5	13	18	12	17	29
Congregationalists	.....	.....	.....	.....	.....	.....	.....	.....	.....
Church of England	.....	1	1	18	48	66	61	96	157
Methodists	.....	.....	.....	27	39	66	55	80	135
Presbyterians	1	1	2	17	16	33	43	64	107
Roman Catholics	1	2	3	59	54	113	95	102	197
Other Denominations	.....	1	1	18	13	31	42	34	76
Unascertained	.....	.....	.....	14	13	27	37	21	58
Total	2	5	7	158	196	354	345	414	759

TABLE No. 3.—PENETANGUISHENE.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions	2	5	7	345	414	759
Total born in Canada	1	2	3	178	241	419
Armenia					1	1
Assyria					2	2
Austria				10		10
Australia						
Belgium						
Bulgaria				1		1
Central America						
China						
Denmark					1	1
England				51	53	104
France	1		1	3	4	7
Finland				12	2	14
Galicia				2		2
Germany				6	6	12
Greece				1		1
Holland						
Hungary						
Ireland				22	47	69
Italy				8	1	9
Japan						
Macedonia				1		1
Other British Possessions		1	1		1	1
Norway				3		3
Roumania						
Russia		1	1		1	1
Scotland				7	6	13
South America				12	22	34
Spain						
Sweden				4	2	6
Turkey						
United States				8	8	16
West Indies						
Unascertained		1	1	16	16	32
Totals	2	5	7	345	414	759

TABLE No. 4.—PENETANGUISHENE.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.	.....	.....	.....	3	.....	3
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.	.....	.....	.....	4	1	5
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc.	.....	.....	.....	74	.....	74
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc.	1	.....	1	25	.....	25
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc.	.....	.....	.....	10	13	23
Domestic Service:— Waiters, Cooks, Servants, etc.	.....	.....	.....	.....	137	137
Education and Higher Domestic Duties Governesses, Teachers, Students, Housekeepers, Nurses, etc.	.....	3	3	6	171	177
Miners, Marine Engineers, Railway Employees, Seamen, etc.	.....	.....	.....	8	.....	8
Laborers	1	.....	1	171	.....	171
No Occupation	.....	.....	.....	19	57	76
Unascertained	.....	2	2	25	35	60
Totals	2	5	7	345	414	759

TABLE No. 5.—PENETANGUISHENE

Showing the counties and districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts	Admitted during year.			Admitted since opening.			Warrant cases. Admitted during year.			Warrant cases. Admitted since opening.			Remaining in residence.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District				25	13	38				18	10	28	16	7	23
Brant				1	1	2							1	1	2
Bruce				1	6	7				1	3	4	1	3	4
Carleton				1	4	5				1	2	3	1	2	3
Dufferin				1	4	5				1	1	2	1	2	3
Dundas															
Durham				1	1	2									
Elgin				1	4	5				1	3	4		2	2
Essex					2	2					2	2			
Frontenac					4	4				1	2	3		3	3
Glengarry															
Grenville															
Grey				14	5	19				11	4	15	6	3	9
Haldimand				1		1				1		1	1		1
Halton				1	1	2									
Hastings				1	6	7				1	6	7	1	2	3
Huron				2	3	5				1		1		2	2
Kent					1	1					1	1			
Lambton				1	3	4				1	1	2		1	1
Lanark					1	1								1	1
Leeds				1	1	2					1	1			
Lennox and Addington				1	6	7					5	5		2	2
Lincoln				2	2	4				2	2	4			
Middlesex				5	8	13				4	4	8	1	1	2
Muskoka District				14	11	25				11	7	18	8	6	14
Nipissing District		1	1	20	19	39				20	13	33	9	14	23
Norfolk					3	3								2	2
Northumberland				5	10	15				2	4	6	2	6	8
Ontario		1	1	19	16	35				17	6	23	9	11	20
Oxford				2	4	6				2	1	3	1	1	2
Parry Sound Dist		1	1	7	3	10		1	1	7	3	10	4	1	5
Peel				1	4	5					2	2		3	3
Perth				1	3	4				1	2	3			
Peterborough				6	7	13				6	4	10	3	4	7
Prescott				2	1	3				1		1	2		2
Prince Edward															
Rainy River Dist				10	4	14				10	3	13	5	2	7
Renfrew				1	3	4				2	1	3		3	3
Russell											1	4			
Simcoe		1	1	75	96	171				31	31	62	25	32	57
Stormont					1	1				1	2	3		1	1
Thunder Bay Dist	1	1	2	18	13	31	1	1	2	18	22	40	12	3	15
Victoria				7	9	16				6	8	14	2	7	9
Waterloo				2	1	3				2	1	3		1	1
Welland					2	2				1		1		1	1
Wellington				3	3	6				1		1	2	2	4
Wentworth				7	2	9				2	2	4	5	2	7
York				63	111	174				52	60	112	28	57	85
Unascertained	1		1	18	12	30	1		1	1		1	12	5	17
Total	2	5	7	345	414	759	2	2	4	242	220	462	158	193	354

TABLE No. 6.—PENETANGUISHENE

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Unascertained
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.)	.....	.....	.....	.....	.....	.....	.....
Mental Strain, Worry and Overwork (not included in above)	.....	.....	.....	.....	.....	.....	.....
Religious Excitement	.....	.....	.....	.....	.....	.....	.....
Love Affairs, including seduction	.....	.....	.....	.....	.....	.....	.....
Fright and Nervous Shock	.....	.....	.....	.....	.....	.....	.....
PHYSICAL.							
Alcoholism	.....	.....	.....	.....	.....	.....	.....
Sexual Excess	.....	.....	.....	.....	.....	.....	.....
Venereal Diseases	.....	.....	.....	.....	.....	.....	.....
Masturbation	.....	.....	.....	.....	.....	.....	.....
Insolation	.....	.....	.....	.....	.....	.....	.....
Accident or Injury	.....	.....	.....	.....	.....	.....	.....
Pregnancy	.....	.....	.....	.....	.....	.....	.....
Parturition and Puerperium	.....	.....	.....	.....	.....	.....	.....
Lactation	.....	.....	.....	.....	.....	.....	.....
Climacteric Period	.....	.....	.....	.....	.....	.....	.....
Fevers	.....	.....	.....	.....	.....	.....	.....
Privation and Overwork	.....	.....	.....	.....	.....	.....	.....
Epilepsy	.....	.....	.....	.....	.....	.....	.....
Other Convulsive Diseases	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull	.....	.....	.....	.....	.....	.....	.....
Senility	.....	.....	.....	.....	.....	.....	.....
Exophthalmic Goitre	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs	.....	.....	.....	.....	.....	.....	.....
Loss of Special Sense	.....	.....	.....	.....	.....	.....	.....
Uræmia	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases	.....	.....	.....	.....	.....	.....	.....
HEREDITARY.							
Congenital Defect	2	5	7	.....	.....	.....	.....
Unascertained	.....	.....	.....	.....	.....	.....	.....
Not Insane	.....	.....	.....	.....	.....	.....	.....
Total	2	5	7	.....	.....	.....	.....

TABLE No. 7.—PENETANGUISHENE.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch				25	37	62
Maternal Branch	1		1	18	31	49
Paternal and Maternal Branches				7	10	17
Collateral Branches				23	31	54
No Hereditary Tendency	1	5	6	108	124	232
Unascertained				164	181	345
Totals	2	5	7	345	414	759

TABLE No. 8.—PENETANGUISHENE

Showing summary of Probational Discharges during the year.

	Male.	Female.	Total.
Number Granted Discharge			
Discharged, Recovered			
" Improved			
" Unimproved	1		1
Died			
Returned to Hospital			
Absent on Probation on October 31st, 1920	1	1	2

TABLE No. 9.—PENETANGUISHENE.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever	.....	.....	.....	1	1	2
Influenza	.....	.....	.....	2	2	4
Cerebro-spinal Meningitis	.....	.....	.....	.....	.....	.....
Dyphtheria	.....	.....	.....	.....	.....	.....
Erysipelas	.....	.....	.....	1	4	5
Septicæmia	.....	.....	.....	2	2	4
Dysentery	.....	1	1	.....	5	5
Syphilis	.....	.....	.....	.....	.....	.....
Tuberculosis	1	1	2	21	18	39
Constitutional Diseases:—						
Rheumatism	.....	.....	.....	.....	.....	.....
Arthritis Deformans	.....	.....	.....	.....	.....	.....
Diabetes Mellitus	.....	.....	.....	1	2	3
Diseases of the Digestive System:—						
Mouth, salivary glands	.....	.....	.....	.....	.....	.....
Pharynx	.....	.....	.....	.....	.....	.....
Tonsils	.....	.....	.....	.....	1	1
Œsophagus	.....	.....	.....	.....	.....	.....
Diseases of the Intestines:—						
Diseases of the Liver	.....	.....	.....	4	4	8
" " Pancreas	.....	.....	.....	1	.....	1
" " Peritoneum	.....	.....	.....	1	2	3
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx	.....	.....	.....	.....	.....	.....
" " Bronchi	.....	.....	.....	.....	3	3
" " Lungs	.....	.....	.....	12	14	26
" " Pleura	.....	.....	.....	1	.....	1
Diseases of the Circulatory System:—						
Diseases of the Pericardium	.....	.....	.....	.....	.....	.....
" " Heart	1	1	2	21	28	49
Arterio-sclerosis	1	1	2	9	6	15
Aneurism	.....	.....	.....	.....	.....	.....
Diseases of the Blood and Ductless Glands:—						
Anæmia	.....	.....	.....	1	1	2
Pernicious Anæmia	.....	.....	.....	1	2	3
Leukæmia	.....	.....	.....	.....	.....	.....
Exophthalmic Goitre	.....	.....	.....	1	3	4
Diseases of the Genito-Urinary Sytsem.	2	.....	2	11	3	14
Diseases of the Nervous System:—						
Diseases of the Nerves	.....	.....	.....	.....	3	3
" " Spinal Cord	.....	.....	.....	1	.....	1
" " Meninges	.....	.....	.....	1	.....	1
Organic Diseases of the Brain, (Tumor, Abscess, Emolism, Thrombosis, Hæmorrhage and other gross lesions)	.....	.....	.....	14	16	30
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)	.....	.....	.....	.....	2	2
Epilepsy	.....	.....	.....	1	5	6
Total—*Carried Forward*	5	4	9	108	127	235

TABLE No. 9.—PENETANGUISHENE.—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total—*Brought Forward*	5	4	9	108	127	235
Mental Diseases:—						
Exhaustion of Acute Mental Disease	1	.....	1	2	2	4
Exhaustion of Chronic Mental Disease	.....	.....	.....	.....	1	1
General Paresis	.....	.....	.....	5	4	9
Intoxications:—						
Alcoholism	.....	.....	.....	.....	.....	.....
Morphinism	.....	.....	.....	1	.....	1
Metallic Poisoning	1	.....	1	1	.....	1
Heat Stroke	.....	.....	.....	.....	.....	.....
Debility of Old Age	1	.....	1	13	17	30
Exposure	.....	1	1	.....	2	2
Suicide	.....	.....	.....	1	.....	1
Surgical Diseases	.....	.....	.....	.....	3	3
Gynæcological Diseases	.....	.....	.....	.....	.....	.....
Malignant New Growths, or Cancer	.....	2	2	.....	11	11
Totals	8	7	15	131	167	298

TABLE No. 10.—PENETANGUISHENE.

Showing forms of mental diseases of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium									
(b) Infection Delirium									
(c) Post Infection Psychoses								1	1
Exhaustion Psychoses:—									
(a) Collapsed Delirium									
(b) Acute Confusional Psychoses									
(c) Neurasthenia									
Intoxication Psychoses:—									
(a) Acute Intoxications									
(b) Chronic "									
(a) Alcoholism (acute and chronic)									
(b) Delirium Tremens									
(c) Korsakow's Psychoses									
(d) Acute Alcoholic Hullucinosis									
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia									
(g) " Paresis									
(h) Morphinism									
(i) Cocainism									
Thyroigenous Psychoses:—									
(a) Myxœdematous Psychoses									
(b) Cretinism									
Dementia Præcox:—									
(a) Hebaphrenic		2	2				1		1
(b) Catatonic							1		1
(c) Paranoid	1		1					1	1
General Paresis									
Organic Dementias:—									
(a) Cerebral Sclerosis									
(b) Huntingdon's Chorea									
(c) Multiple Sclerosis									
(d) Cerebral Syphilis									
(e) Tabetic Psychoses									
(f) Arterio Sclerotic Psychoses									
(g) Cerebral Tumor, Abscess, Hæmorrhage									
Involution Psychoses:—									
(a) Melancholia									
(b) Pre-senile Delusional Psychoses								1	1
(c) Senile Dementia									
Manic Depressive Psychoses:—									
(a) Manic States		1	1				1		1
(b) Depressed States	1	1	2	1		1		2	2
(c) Mixed States									
Paranoia		1	1						
Totals—*Carried Forward*	2	5	7	1		1	3	5	8

TABLE No. 10.—PENETANGUISHENE.—*Continued*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Total.—*Brought Forward*	2	5	7	1	....	1	3	5	8
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses									
(b) Hysterical Psychoses									
(c) Sexualis Psychopathia									
States of Deficient Mental Development:—									
(a) Imbecility							1	....	1
(b) Idiocy							1	1	2
Not Diagnosed							3	1	4
Not Insane									
Totals	2	5	7	1	....	1	8	7	15

TABLE. No. 11.—PENETANGUISHENE.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1920.	Period of treatment of those who were discharged recovered during the year.	Period of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month						1
From 1 to 2 months						
" 2 " 3 "						
" 3 " 4 "						
" 4 " 5 "						
" 5 " 6 "						
" 6 " 9 "						
" 9 " 12 "						
" 12 " 18 "	2	2				
" 18 months to 2 years		14				1
" 2 to 3 years	2	18				2
" 3 " 4 "	1	12				1
" 4 " 5 "	1	70				1
" 5 " 10 "	1	20			1	3
" 10 " 15 "		7				4
" 15 " 20 "		211				2
" 20 years and upwards						
Totals	7	354			1	15

NOTE.—This total must agree with the total admissions of the year.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOSPITAL FOR INSANE, TORONTO, FOR YEAR ENDING OCTOBER 31ST, 1920

TABLE No. 1.—TORONTO.

Showing movements of patients in the Hospital for the official year ending October 31st, 1920.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	426	426	852			
In Residence October 31st, 1919	.....	.....	.....	591	678	1,269
Admitted during year 1920:—						
By Warrant	94	22	116			
By Medical Certificate	125	295	420	219	317	536
Total number under treatment during year	.....	.....	.....	810	995	1,805
Discharges during year (minus deports)						
As recovered	30	60	90			
As improved	54	70	124			
As unimproved	10	5	15			
As not insane	2	.....	2			
Total number discharged during year	96	135	231			
Died	64	59	123			
Deported	4	2	6			
Eloped	8	1	9			
Transferred	387	468	855	559	665	1,224
Remaining in Hospital, October 31st, 1920	.....	.....	.....	251	330	581
Total number admitted since opening of Hospital	.....	.....	.....	7,449	7,259	14,708
Total number discharged since opening of Hospital	3,584	3,875	7,459			
Total number died since opening of Hospital	2,082	1,660	3,742			
Total number deported since opening of Hospital	126	54	180			
Total number eloped since opening of Hospital	184	35	219			
Total number transferred since opening of Hospital	1,222	1,305	2,527	7,198	6,929	14,127
Total remaining in Hospital, October 31st, 1920	.....	.....	.....	251	330	581
Daily average population	334	427	761			
Collective days' stay of all patients in residence during year	121,910	155,855	277,765			
Number of applications on file	7	6	13			

TABLE No. 2.—TORONTO.

Showing social state and religion of patients admitted during the year and since opening of Hospital

	In residence.			Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.									
Single	135	134	269	118	128	246	3,989	2,838	6,827
Married	84	147	231	85	153	238	3,305	4,104	7,409
Widowed	30	49	79	16	36	52	126	306	432
Divorced							1	1	2
Separated									
Unascertained	2		2				28	10	38
Totals	251	330	581	219	317	536	7,449	7,259	14,708
RELIGION.									
Baptists	11	13	24	9	13	22	211	241	452
Congregationalists	3	3	6				65	89	154
Church of England	61	95	156	40	78	118	2.083	2,001	4,084
Methodists	38	73	111	29	66	95	1,330	1,438	2,768
Presbyterians	33	60	93	21	48	69	1,455	1,496	2,951
Roman Catholics	49	48	97	51	45	96	1,353	1,229	2,582
Other Denominations	39	28	67	61	52	113	649	586	1,235
Unascertained	17	10	27	8	15	23	303	179	482
Totals	251	330	581	219	317	536	7,449	7,259	14,708

TABLE No. 3.—TORONTO.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since Opening.		
	Male.	Female	Total.	Male.	Female.	Total.
Total Admissions	219	317	536	7,450	7,258	14,708
Total born in Canada	112	182	294	3,286	3,415	6,691
Armenia				1		1
Assyria				3		3
Austria	4		4	40	7	47
Australia				2		2
Belgium						
Bulgaria				8		8
Central America						
China	1		1	10		10
Denmark				2		2
England	41	65	106	1,477	1,335	2,812
France		1	1	4	4	8
Finland	1	1	2	9	9	18
Galicia						
Germany		3	3	12	13	25
Greece	1		1	6		6
Holland				2	3	5
Hungary						
Ireland	6	19	25	1,226	1,283	2,519
Italy	12	1	13	50	7	57
Japan						
Macedonia	1		1	13		13
Other British Possessions		3	3	10	15	25
Norway		1	1	1	3	4
Roumania	1	2	3	3	8	11
Russia	12	8	20	102	71	173
Scotland	10	13	23	648	598	1,246
South America				1		1
Spain				1		1
Sweden				1	3	4
Turkey				6	1	7
United States	6	9	15	242	262	504
West Indies	2		2	6	8	14
Unascertained	9	9	18	278	213	491
Totals	219	317	536	7,450	7,258	14,708

TABLE No. 4.—TORONTO.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admissions this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.	3	.....	3	285	16	301
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc	24	11	35	886	149	1,035
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc.	16	.....	16	1,506	.....	1,506
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc	37	.....	37	804	2	806
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc	18	16	34	623	387	1,010
Domestic Service:— Waiters, Cooks, Servants, etc	4	31	35	92	1,532	1,634
Education and Higher Domestic Duties Governesses, Teachers, Students, Housekeepers, Nurses, etc	.....	130	130	246	3,803	4,049
Miners, Marine Engineers, Railway Employees, Seamen, etc	7	.....	7	227	2	229
Laborers	85	.....	85	2036	.....	2,036
No Occupation	20	40	60	318	838	1,156
Unascertained	5	89	94	424	522	946
Totals	219	317	536	7,447	7,261	14,708

TABLE No 5.—TORONTO.

Showing the counties and districts from which patients have been admitted during the year and since opening of Hospital.

Counties and Districts	Admitted during year.			Admitted since opening.			Warrant cases. Admitted during year.			Warrant cases. Admitted since opening.			Remaining in residence.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District	4	1	5	19	19	38	6	...	6	13	1	14	5	...	5
Brant	...	...	...	49	61	110	...	...	...	2	3	5	...	...	...
Bruce	...	1	1	26	16	42	...	...	...	5	...	5	...	1	1
Carleton	...	...	...	81	66	147	...	...	...	12	2	14	...	...	...
Dufferin	...	1	1	8	11	19	...	...	...	3	1	4	...	...	...
Dundas	...	1	1	17	17	34	...	...	...	3	1	4	...	...	...
Durham	3	4	7	182	168	350	...	...	...	34	17	51	3	2	5
Elgin	...	1	1	33	26	59	...	...	...	1	...	1	...	...	...
Essex	...	...	...	18	16	34	...	...	...	2	3	5	1	2	3
Frontenac	...	3	3	105	78	183	...	...	...	23	13	36	...	...	...
Glengarry	...	...	...	31	21	52	...	...	...	5	2	7	...	...	...
Grenville	...	2	2	19	19	38	...	...	...	5	1	6	1	...	1
Grey	1	...	1	121	96	217	...	...	...	50	17	67	1	...	1
Haldimand	...	...	...	26	26	52	...	...	...	5	1	6	...	...	...
Halton	...	1	1	83	67	150	...	...	...	6	2	8	...	1	1
Hastings	...	2	2	116	91	207	...	...	...	53	27	80	3	...	3
Huron	...	1	1	67	61	128	...	...	...	4	1	5	2	...	2
Kent	...	1	1	26	24	50	...	...	...	6	2	8	...	1	1
Lambton	...	1	1	30	25	55	...	...	...	3	2	5	...	...	...
Lanark	1	1	2	52	44	96	1	...	1	11	6	17	1	...	1
Leeds	...	...	...	41	36	77	...	...	...	6	4	10	1	...	1
Lennox and Addington	...	...	...	28	21	49	...	...	...	12	1	13	1	...	1
Lincoln	1	1	2	102	86	188	...	...	...	14	10	24	...	...	...
Middlesex	...	2	2	84	81	165	...	...	...	1	...	1	...	...	...
Muskoka District	1	2	3	22	22	44	1	1	2	4	3	7	...	...	...
Nipissing District	4	4	8	12	11	23	2	...	2	3	2	5	...	1	1
Norfolk	...	...	...	19	21	40	...	...	...	...	...	...	...	4	4
Northumberland	...	1	1	150	143	293	...	...	...	30	11	41	1	...	1
Ontario	2	7	9	208	191	399	2	...	2	70	28	98	3	...	3
Oxford	...	...	...	40	40	80	...	...	...	4	5	9	1	...	1
Parry Sound District	...	...	...	1	4	5	...	...	...	...	...	...	...	5	5
Peel	...	...	...	131	130	261	...	...	...	37	10	47	...	...	...
Perth	...	...	...	50	50	100	...	...	...	7	...	7	...	...	...
Peterborough	...	3	3	105	103	208	...	...	...	44	15	59	1	...	1
Prescott	...	...	...	21	22	43	...	...	...	3	1	4	...	2	2
Prince Edward	...	...	...	26	30	56	...	...	...	3	2	5	...	...	...
Rainy River District	...	...	...	5	4	9	...	...	...	4	2	6	...	...	...
Renfrew	...	1	1	4	12	16	...	...	...	...	...	...	1	...	1
Russell	...	1	1	12	11	23	...	...	...	2	1	3	...	...	...
Simcoe	4	2	6	84	72	156	3	...	3	30	12	42	3	2	5
Stormont	...	...	...	50	35	85	...	...	...	6	3	9	...	...	...
Thunder Bay Dist	...	1	1	2	5	7	...	...	...	...	1	1	...	2	2
Victoria	...	1	1	144	147	291	...	...	...	53	26	79	2	2	4
Waterloo	...	...	...	56	55	111	...	...	...	10	4	14	1	...	1
Welland	...	...	...	52	51	103	...	...	...	7	4	11	...	...	...
Wellington	...	1	1	152	153	305	...	...	...	14	4	18	...	...	...
Wentworth	...	1	1	237	212	449	...	...	...	39	9	48	3	1	4
York	198	268	466	4,347	4,515	8,862	79	21	100	1,484	739	2,223	216	301	517
Unascertained	...	...	...	153	45	198	...	...	...	87	14	101	...	3	3
Manitoba	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
Total	219	317	536	7,447	7,261	14,708	94	22	116	2,220	1,013	3,233	251	330	581

TABLE No. 6.—TORONTO.

Showing the assigned causes of insanity in the cases admitted during the year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Unascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.)							
Mental Strain, Worry and Overwork (not included in above)							
Religious Excitement							
Love Affairs							
Fright and Nervous Shock							
PHYSICAL.							
Alcoholism	8	1	9				
Sexual Excess							
Venereal Diseases	24	1	25				
Masturbation							
Insolation							
Accident or Injury							
Pregnancy							
Parturition and Puerperium							
Lactation							
Climacteric Period							
Fevers							
Privation and Overwork							
Epilepsy	11	6	17				
Other Convulsive Diseases							
Diseases of Brain and Skull	136	171	307				
Senility	25	38	63				
Exophthalmic Goitre							
Epidemic Influenza							
Abuse of Drugs	1	3	4				
Loss of Special Sense							
Uræmia							
Other Auto-infection							
Other Bodily Diseases							
HEREDITARY.							
Congenital Defect	12	22	34	12	19	31	
Unascertained		75	75	205	298	503	
Not Insane	2		2	2		2	
Totals	219	317	536	219	317	536	

TABLE No. 7.—TORONTO.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch	9	9	18	.....	.....	.....
Maternal Branch	3	6	9	.....	.....	.....
Paternal and Maternal Branches	.....	1	1	.....	.....	.....
Collateral Branches	.....	3	3	.....	.....	.....
No Hereditary Tendency	.....	.....	.....	.....	.....	.....
Unascertained	207	298	505	.....	.....	.....
Totals	219	317	536	.....	.....	.....

TABLE No. 8.—TORONTO.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number Granted Discharge	96	163	259
Discharged, Recovered	19	40	59
" Improved	23	46	69
" Unimproved	4	2	6
Died	.....	.....	.....
Returned to Hospital	27	24	69
Absent on Probation on October 31st, 1920	23	33	56

TABLE No. 9.—TORONTO

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever				1	2	3
Influenza		1	1	3	5	8
Cerebro-spinal Meningitis						
Diphtheria					1	1
Erysipelas		1	1	2	5	7
Septicæmia	2	4	6	11	19	30
Dysentery		1	1	7	5	12
Syphilis			1	3	1	4
Tuberculosis	4	1	5	81	95	176
Constitutional Diseases:—						
Rheumatism					1	1
Arthritis Deformans						
Diabetes Mellitus				1	2	3
Diseases of the Digestive System:—						
Mouth, salivary glands						
Pharynx						
Tonsils						
Œsophagus				3	1	4
Diseases of the Intestines:—						
Diseases of the Liver		2	2	10	14	24
" " Pancreas				3	2	5
" " Peritoneum		1	1	6	11	17
Diseases of the Respiratory System—						
Diseases of the Nose and Larynx						
" " Bronchi	1		1	4	5	9
" " Lungs				41	48	89
" " Pleura	5	3	8	17	16	33
Diseases of the Circulatory System:—						
Diseases of the Pericardium				1	2	3
" " Heart	7	6	13	73	72	145
Anterio sclerosis	8	10	18	40	26	66
Aneurism				1	1	2
Disease of the Blood and Ductless Glands:—						
Anæmia				3	2	5
Pernicious Anæmia				5	1	6
Leukæmia				1		1
Exophthalmic Goitre					2	2
Diseases of the Genito Urinary System.	1	2	3	24	19	43
Total.—*Carried Forward*	29	32	61	341	358	699

TABLE No. 9.—TORONTO.—*Continued*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total.—*Brought Forward*	29	32	61	341	358	699
Diseases of the Nervous System,						
Diseases of the Nerves				2	1	3
" " Spinal Cord				2	1	3
" " Meninges				1		1
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions)	1	2	3	28	20	48
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)				4		4
Epilepsy	2	1	3	36	35	71
Mental Diseases:—						
Exhaustion of Acute Mental Diseases	6	5	11	39	53	97
Exhaustion of Chronic Mental Diseases				9	6	15
General Paresis	14		14	292	31	323
Pellegra					5	5
Intoxications:—						
Alcoholism				4		4
Morphinism						
Metallic Poisoning				2		2
Heat Stroke						
Debility of Old Age	11	14	25	139	159	298
Accident				1	3	4
Suicide	1	2	3	14	8	22
Surgical Diseases				1		1
Gynæcological Diseases						
Malignant New Growths, or Cancer		3	3	8	17	25
Totals	64	59	123	923	702	1,625
Unascertained				1,159	958	2,117
Total				2,082	1,660	3,742

TABLE No. 10.—TORONTO.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Infection Psychoses:—									
(a) Fever Delirium	1	2	3						
(b) Infection Delirium	1	2	3	1	3	4	1		1
(c) Post Infection Psychose	1		1						
Exhaustion Psychoses:—									
(a) Collapsed Delirium	1		1	1	4	5	1	3	4
(b) Acute Confusional Psychoses	2	7	9	2	2	4			
(c) Neurasthenia	4		4	2	3	5			
Intoxication Psychoses:—									
(a) Acute Intoxications									
(b) Chronic "									
(a) Alcoholism (acute and chronic)	4	1	5	5		5			
(b) Delirium Tremens	1		1	1		1			
(c) Korsakow's Psychoses									
(d) Acute Alcoholic Hallucinosis	1		1						
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia	2		2	1		1			
(g) " Paresis									
(h) Morphinism	1	3	4	1	3	4			
(i) Cocainism									
Thyroigenous Psychoses:—									
(a) Mixœdematous Pschoses									
(b) Cretinism									
Dementiaa Praecox:—									
(a) Hebphrenic	18	56	74	7	10	17			
(d) Catatonic	43	77	110	28	32	60	10	12	22
(c) Paranoid	23	30	53	8	9	17	2	3	5
General Paresis	24	1	25	5	1	6	14		14
Organic Dementias:—									
(a) Cerebral Sclerosis									
(b) Huntingdon's Chorea		1	1						
(c) Multiple Sclerosis									
(d) Cerebral Syphilis	1		1				1		1
(e) Tabetic Psychoses									
(f) Arterio Sclerotic Psychoses	14	3	17	2		2	6	2	8
(g) Cerebral Tumor, Abscess, Hæmorrhage	4	1	5	1		1	1	1	2
Involution Psychoses:—									
(a) Melancholia	2	16	18	5	16	21		4	4
(b) Pre-senile Delusional Psychoses	3	2	5	1		1			
(c) Senile Dementia	22	36	58	1	8	9	24	28	52
Manic Depressive Psychoses:—									
(a) Manic States	12	34	46	16	35	51		1	1
(b) Depressed States	9	14	23	3	4	7	2	1	3
(c) Mixed States									
Paranoia									
Total.—*Carried Forward*	194	286	480	91	130	221	62	55	117

TABLE No. 10.—TORONTO—*Continued.*

Showing form of Mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Total—*Brought Forward*	194	286	480	91	130	221	62	55	117
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	11	6	17	3	3	6	2	3	5
(b) Hysterical Psychoses	....	....	....	....	1	1	....	....	....
(c) Sexualis Psychopathia	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development:—									
(a) Imbecility	12	22	34	4	3	7	....	1	1
(b) Idiocy	....	....	....	....	....	....	....	....	....
Not Diagnosed	....	....	....	....	....	....	....	....	....
Not Insane	2		2	2	....	2	....	....	....
Pellegra	....	3	3	....	....	....	....	....	....
Totals	219	317	536	100	137	237	64	59	123

Deports included.

TABLE No. 11.—TORONTO

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1920.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month	30	48	2	6	8	26
From 1 to 2 months	22	19	2	4	1	12
" 2 " 3 "	36	27	3	3	2	4
" 3 " 4 "	18	23	8	5	1	12
" 4 " 5 "	22	10	10	9	.....	2
" 5 " 6 "	31	15	13	14	2	7
" 6 " 9 "	56	75	20	31	.....	2
" 9 " 12 "	48	10	14	18	1	7
" 12 " 18 "	20	34	10	8	.....	2
" 18 months to 2 years	14	6	2	7	1	8
" 2 to 3 years	19	36	1	6	.....	6
" 3 " 4 "	16	21	2	2	.....	5
" 4 " 5 "	28	19	2	5	.....	.....
" 5 " 10 "	71	99	1	8	.....	11
" 10 " 15 "	39	36	.....	.....	.....	6
" 15 " 20 "	54	37	.....	.....	.....	4
" 20 years and upwards	10	66	.....	1	.....	9
Not Insane	2	.....	2	.....	.....	.....
Total	536	581	92	127	16	123
		Deports	included in	discharges.		
NOTE.—This total must agree with the total admission of the year.						

HOSPITAL FOR INSANE, WHITBY.

December 16th, 1920.

W. W. Dunlop, Esq.,

Inspector of Ontario Hospitals.

Sir:—In accordance with your request I have the honour to submit the First Annual Report of this Hospital for the year ending October 31st, 1920.

Having received my appointment as Superintendent of the New Hospital at Whitby, from a similar position in Toronto, it was my privilege to report for duty on the 19th of January last. The following staff had been arranged for:—Dr. T. D. Cumberland of Mimico, as Assistant Superintendent. Dr. C. M. Crawford had been resident Medical Officer since September, 1919. Miss Eric Shand, Matron; Miss V. West, Superintendent of Nurses; and Mr. John Carson, Chief Attendant were transferred from the Ontario Hospital, Toronto, to similar charges here, On coming to this Hospital the business side of the Institution was managed by Mr. J. M. Short, who was later appointed Bursar, and is filling this post with credit.

So far as the Hospital had been built it consisted of eight cottages and an Infirmary for men, and eight cottages and an Infirmary for women. These were planned for the convalescent and milder types of disease. In the women's section two of these cottages had to be taken over for Administrative and Residential purposes, number four cottage is being used as an Administration Building, and number three as the Nurses' Home until these are better located, as originally planned for, in their own quarters. These Buildings had been occupied for the past two years as a Military Hospital, and were handed over as received, ready for occupation.

Arrangements were then made for the transfer of patients from The Ontario Hospital, Toronto. A careful selection had to be made as this hospital was planned to be very open and lend itself to supervision rather than detention. A special car accommodating about sixty patients was engaged daily and attached to one of the regular trains from Toronto to Whitby. From Whitby Junction this car was brought on the siding to the Hospital grounds, and from there they were soon in their new quarters. This process was carried on until January 29th when the population reached three hundred and thirty-eight men, and four hundred and four women, making a total of seven hundred and forty-two. This I am pleased to say, was effected without accident or mishap of any kind. In a similar way the population has since been increased up to the present time when we have four hundred and seventeen men and four hundred and fifty women, making a total of eight hundred and sixty-seven. There had been, of course, from the year 1912 about one hundred patients residing in the two camps on the Hospital grounds. Most of these patients had been occupied on the farm, garden, and other works of the Hospital, but up to this time their names were still on the register of The Ontario Hospital, Toronto.

There are so many innovations, and such a vast difference in this Hospital from the general plan of Mental Hospitals that it created a great interest in developing this new Institution. One handicap we had to contend with was a scarcity of Nursing and Attendant staffs, but I am very pleased to say that this is being overcome now, as we are receiving a number of applicants from day to

day, and I foresee that our ideals for the care of Mental cases will be reached and that our patients will not only be properly observed and studied by the Medical Staff but that the treatment will be carried out to its highest conception.

Staff Changes.

On August the 1st Dr. T. D. Cumberland, Assistant Superintendent, was transferred to a similar position in the Rockwood Hospital, Kingston. His place was taken by a former associate of mine, Dr. John Webster of Hamilton, who brings with him the benefit of his wide experience and skilled observation. Miss V. West, Head Nurse, resigned at the end of the year, and was succeeded by Miss R. Gertrude Bryan, a graduate of the Cincinnatti Hospital and a post-graduate of the John Hopkins Training School, Baltimore. She came directly from an appointment in the Western Hospital, Toronto. It will be my aim to surround myself with a large staff of young Medical Officers, so that they may be trained in this work and developed to the highest standard in this special branch of Medicine.

Scientific Interests.

While occupation, good food, comfortable residence and regular medical attention is of the greatest benefit and must not in any way be slighted, there is a channel for research and advancement in Psychiatry that should stimulate every Medical Staff. Psychiatry is a progressing science. Our Hospital Laboratories have made some great discoveries, such as: The Thyroid Treatment, for Cretinism, and the demonstration of the Spyrochete in the convolutions of the brain in Paresis. We know not how many truths yet await discovery. One may be pessimistic and say that this work belongs to the large University centres. While not disagreeing with this statement I maintain that wherever a large group of patients are located, there should be a centre for investigation, which would stimulate the Medical men of that Staff to further their special science. With this point in view there was originated in our service The Neuro-Psychiatric Association of Ontario. The First Meeting of this Society was held at the Rockwood Hospital, Kingston, on April the 28th, 1920, under the presidency of Dr. E. Ryan. A wide Medical interest was created by this Meeting, not only locally but throughout the Medical circles of the Dominion. The Second Meeting was held at this Hospital on September 15th, 1920, at which there was quite a distinguished gathering of physicians, and most valuable papers read and discussed. It also afforded these gentlemen an opportunity of visiting this Hospital and seeing its various activities. The papers read and discussed at this Meeting will be published in the Ontario Hospital's Bulletin and mailed to the Medical Practitioners of Ontario. This is a revival of the practice which prevailed before the late war.

Occupational Therapy.

One of the camps erected by the Military Commission is devoted to industrial work and Occupational Therapy. On the lower floor there is a temporary laundry, which is quite insufficient for our work, and a mending and sewing room. The upper floor is altogether devoted to Occupational Therapy. This department is in charge of Miss Jessie D. Houston, who was appointed from the Military Service on the 28th of June last. Miss Houston is doing excellent work.

The main object in this work is the benefit which the patients derive from it. It is also of quite a commercial value to the Hospital. Many articles are made and repaired, pretty things are designed and made for decorating purposes. This centre is always a busy one.

Entertainments.

I am greatly indebted to the Famous Player's Films Company for their generosity in providing gratuitously two films for an evening each week. Fully four hundred of our patients attend these entertainments, and enjoy them very much. A weekly dance is also held during the winter and an occasional concert, among which I may mention, The John Ross Robertson Lodge, The Garrick Club and The Salvation Army Band of Oshawa.

Church Services.

Church services were arranged for so that our patients were never without service. The five clergymen from Whitby, in turn, hold services in the Assembly room on Sunday mornings. I am very much indebted to the Revs. J. Pogson, T. G. A. Wright, H. Merritt, E. Turkington and F. Howard, as these services are given without any remuneration whatever.

I cannot close without expressing my appreciation to you for your valuable counsel and co-operation in the development of the Hospital on behalf of the patients. The appointment of Dr. Clare as Medical Director fills a long-felt want.

I have the honour to remain,

Gentlemen,

Your obedient servant,

J. M. Forster.
Medical Superintendent.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOSPITAL FOR INSANE, WHITBY, FOR THE YEAR ENDING OCTOBER 31st, 1920

TABLE No. 1.—WHITBY.

Showing movements of patients in the Hospital for the official year ending October 31st, 1920.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital						
In Residence October 31st, 1919						
Admitted during year 1920:						
By Warrant	204	99	303			
By Medical Certificate	237	377	614	441	476	917
Total number under treatment during year				441	476	917
Discharges during year:—						
As recovered	4	2	6			
As improved	4	14	18			
As unimproved	1	1	2			
As not insane	1	1	2			
Total number discharged during year	10	18	28			
Died	7	7	14			
Deported		1	1			
Eloped	5		5			
Transferred	2		2	24	26	50
Remaining in Hospital October 31st, 1920				417	450	867
Total number admitted since opening of Hospital				441	476	917
Total number discharged since opening of Hospital	10	18	28			
Total number died since opening of Hospital	7	7	14			
Total number deported since opening of Hospital		1	1			
Total number eloped since opening of Hospital	5		5			
Total number transferred since opening of Hospital	2		2	24	26	50
Total remaining in Hospital October 31st, 1920				417	450	867
Daily average population	355	421	776			
Collective days' stay of all patients in residence during year	101,530	120,406	221,936			
Number of applications on file						

TABLE No. 2.—WHITBY.

Showing social state and religion of patients admitted during the year and since opening of Hospital

	In residence.			Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
SOCIAL STATE.									
Single	297	243	540	310	255	565	.....	.....	.....
Married	95	161	256	104	173	277	.....	.....	.....
Widowed	17	42	59	17	44	61	.....	.....	.....
Divorced	.....	1	1	.....	1	1	.....	.....	.....
Separated	.....	1	1	.....	1	1	.....	.....	.....
Unascertained	8	2	10	10	2	12	.....	.....	.....
Totals	417	450	867	441	476	917	.....	.....	.....
RELIGION.									
Baptists	8	20	28	8	21	29	.....	.....	.....
Congregationalists	1	6	7	1	6	7	.....	.....	.....
Episcopalians	102	131	233	109	139	248	.....	.....	.....
Methodists	75	89	164	79	91	170	.....	.....	.....
Presbyterians	62	83	145	66	92	158	.....	.....	.....
Roman Catholics	88	67	155	91	69	160	.....	.....	.....
Other Denominations	55	29	84	59	32	91	.....	.....	.....
Unascertained	26	25	51	28	26	54	.....	.....	.....
Totals	417	450	867	441	476	917	.....	.....	.....

TABLE No. 3.—WHITBY.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admission	441	476	917			
Total born in Canada	233	329	562			
Armenia						
Assyria						
Austria	12	1	13			
Australia		1	1			
Belgium						
Bulgaria	2		2			
Central America						
China	2		2			
Denmark						
England	93	76	169			
France	2		2			
Finland	2	1	3			
Galicia						
Germany	2	4	6			
Greece	2		2			
Holland						
Hungary						
Ireland	21	22	43			
Italy	4	1	5			
Japan						
Macedonia	1		1			
Other British Possessions	6	6	12			
Norway	1		1			
Roumania	2		2			
Russia	21	2	23			
Scotland	17	18	35			
South America						
Spain						
Sweden		2	2			
Turkey	1		1			
United States	14	11	25			
West Indies		1	1			
Unascertained	3	1	4			
Totals	441	476	917			

TABLE No. 4.—WHITBY.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc	15	2	17	.....	.....	.....
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc	47	28	75	.....	.....	.....
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc.	52	.....	52	.....	.....	.....
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc	58	.....	58	.....	.....	.....
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc	71	59	130	.....	.....	.....
Domestic Service:— Waiters, Cooks, Servants, etc	2	81	83	.....	.....	.....
Education and Higher Domestic Duties:—Governesses, Teachers, Students, Housekeepers, Nurses, etc	8	302	310	.....	.....	.....
Miners, Marine Engineers, Railway Employees, Seamen etc	14	.....	14	.....	.....	.....
Laborers	160	.....	160	.....	.....	.....
No Occupation	6	2	8	.....	.....	.....
Unascertained	8	2	10	.....	.....	.....
Totals	441	476	917	.....	.....	.....

TABLE No 5.—WHITBY.

Showing the counties and districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in Residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District	6	2	8				6		6				6	1	7
Brant		1	1											1	1
Bruce		2	2											2	2
Carleton	2	2	4				1	1	2				2	2	4
Dufferin	1		1				1		1				1		1
Dundas															
Durham	6	7	13					1	1				6	5	11
Elgin															
Essex	1		1												
Frontenac		2	2											2	2
Glengarry	1		1										1		1
Grenville															
Grey	2	2	4										2	2	4
Haldimand															
Haliburton															
Halton		1	1											1	1
Hastings		2	2											2	2
Huron	1	2	3					1	1				1	2	3
Kenora															
Kent															
Lambton		1	1											1	1
Lanark															
Leeds															
Lennox and Addington															
Lincoln		1	1											1	1
Manitoulin		2	2				1		1					2	2
Middlesex	3		3				2		2				3		3
Muskoka District	1	3	4				1	1	2				1	3	4
Nipissing District	3		3				2		2				3		3
Norfolk															
Northumberland	3	4	7										3	4	7
Ontario	16	13	29				6	2	8				13	13	26
Oxford	2		2										2		2
Parry Sound Dist	3	3	6				2		2				3	3	6
Peel		4	4											4	4
Perth		1	1					1	1					1	1
Peterborough	5	10	15				4	2	6				5	10	15
Prescott															
Prince Edward		1	1											1	1
Rainy River Dist	2		2				2		2				2		2
Renfrew		1	1											1	1
Russell															
Simcoe	8	7	15				5	1	6				8	7	15
Stormont		1	1											1	1
Sudbury	1	4	5					4	4					4	4
Temiskaming	7	1	8				7		7				6	1	7
Thunder Bay Dist	7	6	13				6	6	12				5	6	11
Victoria	4	4	8				3	1	4				4	4	8
Waterloo	2	1	3										2	1	3
Welland	2	1	3				1		1				2	1	3
Wellington	2	3	5										2	3	5
Wentworth		3	3					2	2					3	3
York	345	372	717				152	73	225				329	350	679
Unascertained	1	3	4				1	2	3				1	3	4
Other Provinces	4	3	7				1	1	2				4	2	6
Totals	441	476	917				204	99	303				417	450	867

TABLE NO. 6.—WHITBY

Showing the assigned causes of insanity in the cases admitted during the year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Unascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends business troubles, etc.)	32	59	91	.....	.....	.....	.....
Mental Strain, Worry and Overwork (ot included in above)	21	41	62	.....	.....	.....	.....
Religious Excitement	8	10	18	.....	.....	.....	.....
Love Affairs, including seduction	2	11	13	.....	.....	.....	.....
Fright and Nervou Shock	1	2	3	.....	.....	.....	.....
PHYSICAL.							
Alcoholism	11	6	17	.....	.....	.....	.....
Sexual Excess	.....	.....	.....	.....	.....	.....	.....
Venereal Diseases	.....	.....	.....	.....	.....	.....	.....
Masturbation	10	2	12	.....	.....	.....	.....
Insolation	.....	.....	.....	.....	.....	.....	.....
Accident or Injury	8	1	9	.....	.....	.....	.....
Pregnancy	.....	.....	.....	.....	.....	.....	.....
Parturition and Puerperium	.....	21	21	.....	.....	.....	.....
Lactation	.....	.....	.....	.....	.....	.....	.....
Climacteric Period	.....	9	9	.....	.....	.....	.....
Fevers	7	2	9	.....	.....	.....	.....
Privation and Overwork	.....	.....	.....	.....	.....	.....	.....
Epilepsy	1	.....	1	.....	.....	.....	.....
Other Convulsive Disease	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull	.....	.....	.....	.....	.....	.....	.....
Senility	2	5	7	.....	.....	.....	.....
Exophthalmic Goitre	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs	.....	.....	.....	.....	.....	.....	.....
Loss of Special Sense	.....	.....	.....	.....	.....	.....	.....
Uræmia	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection	.....	.....	.....	.....	.....	.....	.....
Other Bodily Disease	36	33	69	.....	.....	.....	.....
HEREDITARY.							
Congenital Defect	3	8	11	37	48	85	.....
Unascertained	298	265	563	404	428	832	.....
Not Insane	1	1	2	.....	.....	.....	.....
Totals	441	476	917	441	476	917	.....

TABLE No. 7.—WHITBY.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch	15	20	35	.....	.....	.....
Maternal Branch	13	17	30	.....	.....	.....
Paternal and Maternal Branches	.....	.....	.....	.....	.....	.....
Collateral Branches	9	11	20	.....	.....	.....
No Hereditary Tendency	.....	.....	.....	.....	.....	.....
Unascertained	404	428	832	.....	.....	.....
Totals	441	476	917	.....	.....	.....

TABLE No. 8.—WHITBY.

Showing summary of probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge	6	7	13
Discharged, Recovered While on Probation	4	2	6
" Improved	1	4	5
" Unimproved	.....	1	1
Died	1	.....	1
Returned to Hospital	2	2	4
Absent on Probation on October 31st, 1920	5	8	13

TABLE No. 9—WHITBY

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever						
Influenza						
Cerebro-spinal Meningitis						
Diphtheria						
Erysipelas		1	1			
Septicæmia						
Dysentery						
Syphilis						
Tuberculosis	2		2			
Constitutional Diseases:—						
Rheumatism						
Arthritis Deformans						
Diabetes Mellitus						
Diseases of the Digestive System:—						
Mouth, salivary glands						
Pharynx						
Tonsils						
Œsophagus						
Diseases of the Intestines:—						
Diseases of the Liver						
" " Pancreas						
" " Peritoneum						
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx						
" " Bronchi						
" " Lungs		1	1			
" " Pleura						
Diseases of the Circulatory System:—						
Diseases of the Pericardium						
" " Heart		2	2			
Arterio-sclerosis						
Aneurism						
Diseases of the Blood and Ductless Glands:—						
Anæmia						
Pernicious Anæmia						
Leukæmia						
Exophthalmic Goitre						
Diseases of the Genito-Urinary System						
Total—*Carried Forward*	2	4	6			

TABLE No. 9.—WHITBY.—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total—*Brought Forward*	2	4	6	.....	.....	.....
Diseases of the Nervous System:—						
Diseases of the Nerves	.....	.....	.....	.....	.....	.....
" " Spinal Cord	.....	.....	.....	.....	.....	.....
" " Meninges	.....	.....	.....	.....	.....	.....
Organic Diseases of the Brain, (Tumor, Abscess, Embolism Thrombosis, Hæmorrhage and other gross lesions)	2	1	3	.....	.....	.....
Functional Nervous Diseases, (Paralysis Agitans, Chorea Eclampsia, Hysteria)	.....	1	1	.....	.....	.....
Epilepsy	.....	.....	.....	.....	.....	.....
Mental Diseases:—						
Exhaustion of Acute Mental Disease	1	.....	1	.....	.....	.....
Exhaustion of Chronic Mental Disease	.....	.....	.....	.....	.....	.....
General Paresis	1	.....	1	.....	.....	.....
Intoxications:—						
Alcoholism	.....	.....	.....	.....	.....	.....
Morphinism	.....	.....	.....	.....	.....	.....
Metallic Poisoning	.....	.....	.....	.....	.....	.....
Heat Stroke	.....	.....	.....	.....	.....	.....
Debility of Old Age	.....	1	1	.....	.....	.....
Accident	.....	.....	.....	.....	.....	.....
Suicide	1	.....	1	.....	.....	.....
Surgical Diseases	.....	.....	.....	.....	.....	.....
Gynæcologica Diseases	.....	.....	.....	.....	.....	.....
Malignant New Growths, or Cancer	.....	.....	.....	.....	.....	.....
Total	7	7	14	.....	.....	.....

TABLE No. 10.—WHITBY.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium									
(b) Infection Delirium									
(c) Post Infection Psychoses	1		1						
Exhaustion Psychoses:—									
(a) Collapsed Delirium									
(b) Acute Confusional Psychoses		2	2						
(c) Neurasthenia		2	2						
Intoxication Psychoses:—									
(a) Acute Intoxications									
(b) Chronic									
(a) Alcoholism (acute and chronic)	7	2	9						
(b) Delirium Tremens									
(c) Korsakow's Psychoses	2		2						
(d) Acute Alcoholic Hallucinosis									
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia	3	2	5						
(g) " Paresis		1	1						
(h) Morphinism		2	2		2	2			
(i) Cocainism									
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses									
(b) Cretinism									
(c) Hyperthyroidism		1	1						
Dementia Præcox:—									
(a) Hebaphrenic	117	125	242	1	4	5	1		1
(b) Catatonic	142	133	275	2	3	5	3	3	6
(c) Paranoid	67	93	160	1	2	3		2	2
General Paresis	11	6	17	1		1	1	1	2
Organic Dementias:—									
(a Cerebral Sclerosis									
(b Huntingdon's Chorea		1	1						
(c) Multiple Sclerosis	1		1						
(d) Cerebral Syphilis	1		1						
(e) Tabetic Psychoses									1
(f) Arterio Sclerotic Psychoses	1		1				1		
(g) Cerebral Tumor. Abscess. Hæmorrhage	1		1						
Involution Psychoses:—									
(a) Melancholia	10	11	21		1	1		1	1
(b) Pre-senile Delusional Psychoses									
(c Senile Dementia	14	21	35				1		1
Manic Depressive Psychoses:—									
(a) Manic States	24	34	58	3	3	6			
(b) Depressed States	5	6	11	1		1			
(c) Mixed State	4	4	8		1	1			
Total—*Carried Forward*	411	446	857	9	16	25	7	7	14

TABLE No. 10—WHITBY—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Diseases.	Admitted.			Discharged.			Died		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Total Brought Forward	411	446	857	9	16	25	7	7	14
Paranoia									
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	6	2	8						
(b) Hysterical Psychoses									
(c) Sexualis Psychopathia	1		1						
States of Deficient Mental Development:—									
(a) Imbecility	18	27	45		1	1			
(b) Idiocy									
Not Diagnosed	4		4						
Not Insane	1	1	2	1	1	2			
Total	441	476	917	10	18	28	7	7	14

TABLE No. 11.—WHITBY.

Periods	Alleged duration of insanity prior to admission	Length of residence of those remaining in hospital on Oct. 3rd, 1920	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year	Periods of treatment of those who died during the year.
Under 1 month		12				
From 1 to 2 months		1				1
" 2 " 3 "		62		1		
" 3 " 4 "		1		1		
" 4 " 5 "		5	2		1	
" 5 " 6 "		75		1		
" 6 " 9 "	5	3				
" 9 " 12 "	29	708		15	1	13
" 12 " 18 "	49					
" 18 months to 2 years	18					
" 2 to 3 years	60					
" 3 " 4 "	62					
" 4 " 5 "	69					
" 5 " 10 "	236					
" 10 " 15 "	104					
" 15 " 20 "	95					
" 20 years and upwards	188					
Not Insane	2					
Totals	917	867	6	18	2	14

NOTE.—This total must agree with the total admissions of the year

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOMEWOOD SANITARIUM, GUELPH, FOR THE YEAR ENDING OCTOBER 31st, 1920.

VOLUNTARY BRANCH.

TABLE No. 1

Showing movements of patients in the Hospital for the official year ending October 31st, 1920.

——	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital, Insane and Voluntary Departments	75	75	150			
In Residence October 31st, 1920				40	30	70
Admitted during year 1920:						
By Warrant						
By Medical Certificate	151	61	212			
Total number under treatment during year				191	91	282
Discharges during year:—						
As recovered	24	14	38			
As improved	90	26	116			
As unimproved	18	20	38			
As not insane						
Total number discharged during year	132	60	192			
Died	8	3	11			
Deported						
Eloped	7		7			
Transferred	7	4	11	154	67	221
Remaining in Hospital October 31st, 1922				37	24	61
Total number admitted since opening of Hospital				2,076	930	3,006
Total number discharged since opening of Hospital	1,891	828	2,719			
Total number died since opening of Hospital	62	37	99			
Total number deported since opening of Hospital						
Total number eloped since opening of Hospital	49	3	52			
Total number transferred since opening of Hospital	37	38	75	2,039	906	2,945
Total remaining in Hospital, October 31st, 1920				37	24	61
Daily average population						
Collective days' stay of all patients in residence during year						
Number of applications on file						

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE HOMEWOOD SANITARIUM, GUELPH, FOR THE YEAR ENDING OCTOBER 31st, 1920.

INSANE BRANCH

TABLE No. 1.

Showing movements of patients in the Hospital for the official year ending October 31st, 1920

	Male	Female	Total	Male	Female	Total
Capacity of Hospital, Voluntary and Insane Departments	75	75	150			
In Residence October 31st, 1920				31	51	82
Admitted during year 1920:						
By Warrant	2		2	2		2
By Medical Certificate	45	74	119	45	74	119
Total number under treatment during year				78	125	203
Discharges during year:—						
As recovered	9	7	16			
As improved	28	21	49			
As unimproved	5	11	16			
As not insane						
Total number discharged during year	42	39	81			
Died	10	11	21			
Deported						
Eloped						
Transferred	3	12	15	55	62	117
Remaining in Hospital October 31st 1920				23	63	86
Total number admitted since opening of Hospital				765	806	1,571
Total number discharged since opening of Hospital	541	560	1,104			
Total number died since opening of Hospital	105	82	187			
Total number deported since opening of Hospital						
Total number eloped since opening of Hospital	12	2	14			
Total number transferred since opening of Hospital	84	96	180	742	743	1,485
Total remaining in Hospital October 31st, 1920				23	63	86
Daily average population						
Collective days' stay of all patients in residence during year						
Number of applications on file						

PART II

OF THE

FIFTY-THIRD ANNUAL REPORT

OF THE

Inspectors of Prisons and Public Charities of the Province of Ontario

CONTAINING REPORT ON THE

Ontario Hospital for Feeble-Minded,
Orillia

AND THE

Ontario Hospital for Epileptics,
Woodstock

BEING FOR THE YEAR ENDING 31st OCTOBER

1920

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO

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1921

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PARLIAMENT BUILDINGS,

TORONTO, January 15th 1921.

To His Honour LIONEL HERBERT CLARKE, ESQ.,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I beg to submit herewith the Fifty-Third Annual Report upon the Ontario Hospitals for the Feeble-Minded and Epileptic of Ontario, being for the official year ending 31st October, 1920.

I have the honor to be,

Your Honour's most obedient servant,

HARRY CORWIN NIXON,

Provincial Secretary.

Office of the

Inspector of Prisons and Public charities, Ontario,

Parliament Buildings, Toronto, January 15th, 1921.

Sir,—I have the honour to transmit herewith, to be presented to His Honour the Lieutenant-Governor, the Fifty-Third Annual Report upon the Ontario Hospitals for the Feeble-Minded and Epileptics of Ontario, being for the official year ending 31st October, 1920.

I have the honour to be, Sir,

Your obedient servant,

W. W. Dunlop,

Inspector.

The Honourable Harry Corwin Nixon,
Provincial Secretary of the Province of Ontario,
Toronto.

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HOSPITAL FOR FEEBLE-MINDED AND EPILEPTICS

On the 31st of October, 1920, there were in residence in the Hospitals for Feeble-Minded and Epileptics 1185 patients, divided as follows—

ORILLIA			WOODSTOCK		
Male	Female	Total	Male	Female	Total
501	482	983	101	101	202

This shows a decrease of 55 since 1919.

REVENUE FOR THE YEAR.

From paying Patients	45,281 98
From Farms and Miscellaneous...	38,460 85
	$83,742 83

Showing an increase over 1919 of $31,074 21.

IMPROVEMENTS

Orillia: General improvements have been made in all the buildings.

Woodstock: All the buildings have been repainted. The draining system greatly improved.

W. W. DUNLOP,

Inspector.

TABLE No. 1.

Showing movements of patients in the Hospital for the year ending October 31st, 1920.

	Orillia Hospital			Woodstock Hospital			Total.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital	563	563	1,099	101	105	206	637	668	1,305
In Residence, Oct. 31st, 1919	468	577	1,045	96	99	195	564	676	1,240
Admitted during year 1920	90	81	171	20	25	45	110	106	216
By Warrant	4	3	7				4	3	7
By Medical Certificate	86	78	164	20	25	45	106	103	209
By transfers									
Total number under treatment during year	588	658	1,216	116	124	240	974	782	1,456
Discharges during year									
As recovered									
As improved	2	6	8	5	7	12	7	13	20
As unimproved	10	3	13	3	7	10	13	10	23
As not insane									
Total number discharged during year	12	9	21	8	4	12	20	23	43
Died	41	28	69	7	9	16	48	37	85
Deported		1	1					1	1
Eloped	4	1	5				4	1	5
Transferred		137	137	15	23	38	15	169	175
Total number admitted since opening of Hospital	1,717	1,580	3,297	367	297	664	1,084	1,877	3,961
Total number discharged since opening of Hospital	202	122	324	143	101	244	345	223	568
Total number died since opening of Hospital	929	804	1,723	118	92	210	1,047	896	1,943
Total number deported since opening of Hospital	2	3	5				2	3	5
Total number eloped since opening of Hospital	33	1	34						
Total number transferred since open of Hospital	50	164	214	5	3	8	55	167	222
Total remaining in Hospital, October 31st, 1920	501	482	983	101	101	202	602	583	1,185
Number of applications on file			445						
Daily average population	476	490	966	96	102	198	572	593	1,164
Collective days' stay of all patients in residence during year	174,550	179,489	354,819	35,266	37,291	72,557	209,816	54,760	264,576

TABLE No. 2.

Showing social state and religion of patients admitted during the year and since opening of Hospitals.

	Admissions of Year.	In Residence.	Admissions since opening.
SOCIAL STATE.			
Single	205	1,151	3,744
Married	9	22	198
Widowed	2	12	7
Divorced			
Separated			
Unascertained			2
Totals	216	1,185	3,961
RELIGION			
Baptists	9	62	185
Congregationalists	1	3	10
Church of England	50	250	834
Methodists	54	249	994
Presbyterians	42	234	731
Roman Catholics	19	138	578
Other Denominations	21	116	274
Unascertained	20	133	355
Totals	216	1,185	3,961

TABLE No. 3.

Showing Nativity of Patients admitted during the year and since opening of Hospitals.

Nativity	Admissions of Year			Admissions since Opening.		
	Orillia Hospital.	Woodstock Hospital.	Total.	Orillia Hospital.	Woodstock Hospital.	Total.
Total Admissions	171	45	216	3,297	664	3,961
Total born in Canada	150	33	183	2,728	523	3,251
Armenia						
Assyria						
Austria				5	1	6
Australia						
Belgium						
Bulgaria	1		1	1		1
Central America						
China						
Denmark						
England	7	7	14	204	91	295
France				5		5
Finland				1		1
Galacia						
Germany				21		21
Greece					3	3
Holland						
Hungary						
Ireland	1	1	2	105	14	119
Italy					1	1
Japan						
Macedonia						
Other British Possessions				6	1	7
Norway						
Roumania						
Russia	5		5	19	4	23
Scotland	3	1	4	70	13	83
South America						
Spain						
Sweden				5		5
Turkey						
United States	1	3	4	54	13	67
West Indies						
Unascertained	3		3	73		73
Totals	171	45	216	3,297	664	3,961

TABLE No. 4.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening		
	Orillia Hospital.	Woodstock Hospital	Total.	Orillia Hospital.	Woodstock Hospital	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.				1	5	6
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.				3	34	37
Agricultural and Pastoral:— Farmers, Gardeners, Stock Men, etc.		2	2	6	58	64
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police etc.		4	4	2	26	28
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc.		5	5	17	42	59
Domestic Service:— Waiters, Cooks, Servants, etc.	1	3	4	57	46	103
Education and Higher Domestic Duties:— Governesses, Teachers, Students, Housekeepers, Nurses, etc.				65	87	152
Miners, Marine Engineers, Railway Employees, Seamen, etc.				1	1	2
Laborers		5	5	22	96	118
No Occupation	170	23	193	3,123	256	3,379
Unascertained		3	3		13	13
Totals	171	45	216	3,297	664	3,961

TABLE No. 5.

Showing the Counties and Districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts	Admitted during year.			Admitted since opening.			Warrant cases						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Orillia Hospital.	Woodstock Hospital.	Total.	Orillia Hospital.	Woodstock Hospital	Total.	Orillia Hospital.	Woodstock Hospital.	Total.	Orillia Hospital.	Woodstock Hospital.	Total.	Orillia Hospital.	Woodstock Hospital.	Total.
Algoma District	1	1	2	34	5		1		1	6	2	8	7	2	9
Brant	4	2	6	52	22					1		1	17	9	26
Bruce				74	9					9		9	12	3	15
Carleton	4	1	5	107	17					11		11	35	4	39
Dufferin	1		1	20	11					2		2	6	1	7
Dundas	1		1	21	2					4		4	7	1	8
Durham	1		1	47	3								7		7
Elgin	3	2	5	39	17					4	1	5	11	6	17
Essex	6		6	66	9					5		5	18	4	22
Frontenac				98	4					29		29	15		15
Glengarry				18						5		5	6		6
Grenville				26	2					1		1	2		2
Grey	2	2	4	106	14					19		19	14	8	22
Haldimand				30	1					5	1	6	3		3
Haliburton				4						1		1	3		3
Halton				28	7					3	1	4	1	2	3
Hastings	5	1	6	79	12					12		12	27	5	32
Huron	1	1	2	70	12					9		9	10	5	15
Kenora															
Kent	1	1	2	60	10					5		5	8	6	14
Lambton	1	1	2	57	25					8	1	9	4	6	20
Lanark		1	1	19	4					5		5	4	2	6
Leeds	1		1	34	4					9		9	9	3	12
Lennox and Addington	1		1	41	1					9		9	12		12
Lincoln	2	2	4	30	13					4	1	5	12	5	17
Manitoulin				1											
Middlesex	5	2	7	112	43					7	1	8	32	10	42
Muskoka District	1	2	3	45	3					3		3	13	3	16
Nipissing District	1		1	34	5					5		5	13		17
Norfolk	1		1	30	9					10		10	8	2	10
Northumberland	2	2	4	49	7					8		8	12	3	15
Ontario	4		4	95	10		1		1	10		10	24	3	27
Oxford	1	1	2	71	32					8		8	20	9	29
Parry Sound District	3	1	4	23	2					3		3	17	2	19
Peel		1	1	38	3					6		6	13	3	16
Perth		2	2	46	17					9		9	10	5	15
Peterborough	1		1	54	6					12		12	13	2	15
Prescott				16						9		9	9		9
Prince Edward	1		1	28	4								9	1	10
Rainy River District	1		1	6	1					1		1	3		3
Renfrew		1	1	48	4					6		6	14	2	16
Russell	1		1	13	3								7	1	8
Simcoe	7	1	8	199	19					22	1	23	50	5	55
Stormont	1		1	24	7					11		11	4	2	6
Sudbury	1		1	3						1		1	2		2
Temiskaming	5		5	10						2		2	5		5
Thunder Bay District				6	4					2	3	5	1	2	3
Victoria	2		2	49	11					6	1	7	11	2	13
Waterloo	3		3	59	18		1		1	3	2	5	18	2	20
Welland	1	2	3	22	6					1	1	2	6	3	9
Wellington	2		2	61	13					4		4	19	4	23
Wentworth	8	2	10	162	41		1		1	13		13	13	11	69
York	83	13	96	791	185		3		3	48	10	58	323	51	374
Unascertained	1		1	37	7					4		4	5	2	7
Other Provinces				1											
Total	171	45	216	3,293	664		7		7	380	26	406	983	202	1,185

TABLE No. 6.

Periods	Alleged duration of attack prior to admission	Length of residence of those remaining in Hospitals on Oct. 31st, 1920		Periods of treatment of those who were discharged recovered during the year		Periods of treatment of those who were discharged improved during the year		Periods of treatment of those who were discharged unimproved during the year		Periods of treatment of those who died during the year	
	Woodstock Hospital.	Orillia Hospital.	Woodstock Hospital.	Orillia Hospital	Woodstock Hospital.	Orillia Hospital.	Woodstock Hospital.	Orillia Hospital.	Woodstock Hospital.	Orillia Hospital.	Woodstock Hospital.
Under 1 month		6	9							5	
From 1 to 2 months		7	4			1		1	1	2	
" 2 " 3 "		14	2							3	1
" 3 " 4 "		16	4		2	1	2	1	3	3	
" 4 " 5 "		12	4					1		2	
" 5 " 6 "		14	5			1		1		1	
" 6 " 9 "		45	5		1	2	1	2		6	
" 9 " 12 "		35	7			3		3		4	
" 12 " 18 "		60	12		3	1	3	1		7	2
" 18 months to 2 years		66	10		1		1		2	2	1
" 2 to 3 years		71	19		2	3	2	3	1	5	2
" 3 " 4 "		46	15		2		2		1	8	1
" 4 " 5 "		37	14						1	2	1
" 5 " 10 "		155	41		1		1		1	5	4
" 10 " 15 "		106	51							4	1
" 15 " 20 "		102								3	
" 20 years and upwards		191								7	
Totals		983	202		12	13	12	13	10	69	16

TABLE No. 7.

Showing the general movement and result of treatment of patients in the Hospital for Feeble-Minded, Orillia, during each of the years from the 1st January, 1879, to the 31st October, 1920.

	Average daily number of patients in residence			Number of patients admitted each year			Number of patients discharged improved and unimproved each year			Number of patients who died in each year			Percentage of deaths upon number residents			Number of patients remaining in Hospital at the end of each year		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Average five years—																		
1879 to 1883	87	84	171	18	16	34	2	1	3	6	7	13	6.25	7.69	6.95	96	91	187
Average five years—																		
1884 to 1888	122	109	231	18	18	36	2	2	4	10	7	17	8.13	6.19	7.20	123	113	236
Average five years—											1							
1888 to 1893	221	183	404	42	36	78	2	2	4	12	6	28	5.55	8.33	6.87	216	192	408
Average five years—																		
1894 to 1898	322	264	586	44	38	82	4	4	8	24	23	47	8.28	8 52	7.84	330	270	600
1899	353	295	648	39	43	82	3	6	9	29	28	57	8.12	9.33	8.67	357	300	657
1900	351	300	651	45	26	71	4	5	9	41	24	65	11.48	8.08	9.94	357	297	654
1901	354	300	654	33	22	55	8	1	9	32	16	48	9.12	5.29	7.36	350	302	652
1902	349	307	656	29	28	57	9	1	10	22	16	38	6.36	5.11	5.76	346	313	659
1903	348	324	672	30	39	69	4	3	7	24	7	31	6.89	2.05	4.09	348	342	690
Average five years	351	305	656	35	32	67	6	3	9	30	18	48	8.40	5 97	7.25	352	311	663
1904	350	350	700	39	43	82	2	3	5	23	18	41	6.73	4.94	5.65	361	364	725
1905	368	368	736	46	35	81	6	2	8	29	26	55	7.79	7 03	7.41	372	370	742
1906	375	377	752	43	40	83	5	4	9	40	22	62	10.64	5.71	8.15	376	385	761
1907	380	390	770	35	31	66	7	3	10	21	19	40	5.48	4.85	5.16	383	392	775
1908	384	390	774	36	28	64	5	2	7	22	31	53	5.65	8.01	6.83	389	387	776
Average five years	369	375	774	40	35	75	5	3	8	27	23	50	7.19	6.11	6.64	376	378	754
*1909	390	386	776	29	28	57	11	3	14	15	18	33	3.84	4.66	4.26	392	394	786
1910	384	383	787	30	18	48	5	7	12	20	16	36	5.07	4.17	4.58	397	389	786
1911	410	391	801	50	18	68	2	2	4	12	13	25	2.93	3.33	3.12	417	392	809
1912	412	400	812	19	29	48	1	2	3	17	17	34	4.12	4.25	4.18	415	402	817
1913	411	404	815	37	35	72	2	1	3	34	27	61	8.27	6.68	7.48	414	409	823
Average five years	402	393	795	33	26	59	4	3	7	20	18	38	4.85	4.62	4.72	407	397	804
1914	410	405	815	34	42	76	5	3	8	30	37	67	7.27	9.05	8.14	410	410	820
1915	418	408	826	34	15	49	.....	4	4	17	14	31	4.07	3.03	3.75	424	407	831
1916	426	398	824	49	33	82	1	4	5	34	39	73	7.98	9.80	8.86	432	396	828
1917	432	507	939	47	184	231	7	5	12	24	25	49	5.42	4.55	4.95	443	549	992
1918	453	546	999	98	42	140	13	6	19	72	47	119	1.59	8.61	11.09	450	537	987
Average five years	531	881	48	63	111	5	4	9	36	33	69	8.13	7 09	7.36	432	460	862	
1919	450	557	1,007	104	82	186	30	10	40	43	31	74	10.00	7.1	8.4	468	577	1,045
1920	476	490	966	90	81	171	12	9	21	41	28	69	8.6	5.7	7.2	501	482	983

* Ten months ending October 31st, 1909.

TABLE No. 8.

Showing the general movement and result of treatment of patients in the Hospital for Epileptics, Woodstock, during each of the years from the 12th April, 1906, to the 31st October, 1920.

—	Average daily number of patients in residence			Number of patients admitted each year			Number of patients recovered in each year			Number of patients discharged improved and unimproved each year			Number of patients who died in each year			Percentage of recoveries upon admission			Percentage of deaths upon number residents			Number of patients remaining in Hospital at the end of each year		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
1906 (Nine months)	18	14	32	32	26	58	....	....	....	5	5	10	1	2	3	....	....	....	3.85	10.53	6.67	26	19	45
1907	32	1	58	30	22	52	1	....	1	13	2	16	2	2	4	3.33	.0	1.92	5.26	5.71	5.48	38	35	73
1908	45	40	85	30	13	43	....	2	2	7	2	9	2	....	2	.0	15.38	4.65	3.39	.0	1.94	59	44	103
*1909	64	48	112	27	15	42	....	....	....	14	7	21	2	1	3	....	....	....	3.39	2.27	2.68	70	51	121
1910	87	68	155	38	38	76	1	....	1	11	7	21	3	2	5	2.63	.0	1.32	3.45	2.94	3.22	90	78	168
1911	97	89	186	31	26	57	....	....	....	13	6	19	6	2	8	....	....	....	6.18	2.25	4.30	102	96	198
1912	99	95	194	27	16	43	....	....	....	15	8	23	11	11	22	....	....	....	10.78	11.46	11.11	103	93	196
1913	105	106	206	14	23	37	....	....	....	8	3	11	4	7	11	....	....	....	3.84	6.60	5.34	105	106	211
1914	105	105	210	10	17	27	....	....	....	5	8	13	9	7	16	....	....	....	8.57	6.60	7.58	101	108	209
1915	101	105	206	18	18	36	....	....	....	7	15	22	10	8	18	....	....	....	9.90	7.71	7.74	102	103	205
1916	102	101	203	12	13	25	....	....	....	5	7	12	8	4	12	....	....	....	7.84	3.96	5.91	101	105	206
1917	101	107	208	27	16	43	....	....	....	8	4	12	19	7	26	....	....	....	18.80	6.54	12.5	101	110	211
1918	100	108	208	23	14	37	....	....	....	10	4	14	18	11	29	....	....	....	18.00	10.2	13.94	96	109	205
1919	94	99	193	28	15	43	....	....	....	12	6	18	16	19	35	....	....	....	17.0	19.2	18.1	96	99	195
1920	96	102	198	20	25	45	....	....	....	8	14	22	7	9	16	....	....	....	7.3	8.8	8.51	101	101	202

* Ten months ending October 31st, 1909.

TABLE No. 9

Deaths in Hospitals

Hospital	No. of Deaths	Daily average population	Percentage of deaths to daily average population
Orillia	69	966	7.2
Woodstock	16	198	8.5
Totals	85	1,164	7.3

TABLE No. 10

The following table shows the number of beds in each of the Hospitals, number in residence, and applications on file at close of official year.

Asylums	Number of beds			Number in residence on 31st October, 1920			Number of vacancies			Over population			Applications on file		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Orillia	536	563	1,099	501	482	983	35	81	116	.....	.....	.....	.....	.....	445
Woodstock	101	105	206	101	101	202	.....	4	4	.....	.....	.....	.....	.....	.....
Totals	637	668	1,305	602	583	1,185	35	85	120	.....	.....	.....	.....	.....	445

TABLE No. 11.

Showing the number of officers and employees in each of the Hospitals, classified according to the duties performed.

Occupation	Orillia Hospital	Woodstock Hospital	Total
Medical Superintendents	1	1	2
Physicians	2	1	3
Superintendent of Nurses			
Graduates of Ontario Training School	2		2
Undergraduates			
Practical Nurses	15	8	23
Chief Attendants, Male	1	1	2
Supervisors, Male	4	2	6
Attendants, Male	23	6	29
Bursar	1	1	2
Matrons and Assistants	2	1	3
Office Staff (Clerks and Stenographers)	7	2	9
Domestic Help (Cooks, etc.)	18	8	26
Tradesmen	10	1	11
Engineers, Stokers and Assistants	8	2	10
Farmers and Gardeners	2	2	4
Farmers and Gardeners' Assistants	6	5	11
Storekeeper and Assistants	1		1
Dentist	1		1
Totals	104	41	145

TABLE No. 12.

Statement of revenue from paying patients and from farm and miscellaneous sources for the year ending October 31st, 1920.

Hospitals	No. of paying patients	From paying patients	From farm and miscellaneous	Totals
		$ c.	$ c.	$ c.
Orillia	270	21,018 13	24,347 68	45,365 81
Woodstock	218	24,263 85	14,113 17	38,377 02
Totals	488	45,281 98	38,460 85	83,742 83

TABLE No. 13.

Showing the expenditure on maintenance under the different headings of the estimates for the year ending October 31st, 1920.

Headings of Estimates	Orillia Hospital	Woodstock Hospital
	$ c.	$ c.
Medicines	2,944 97	1,140 64
Groceries	64,663 13	20,560 40
Heat and Light	29,090 89	9,867 59
Clothing	24,271 98	807 26
Laundry	7,992 31	1,818 25
Office	1,025 29	330 93
Farm	7,252 13	4,992 87
Contingencies	2,699 01	325 47
Furniture and Furnishings	13,389 06	2,872 89
Total Expenses	153,328 77	42,716 30
Salaries	82,298 92	3,3161 70
Grand Totals	235,627 69	75,878 00

Notes on Per Capita Statement.

Attached hereto is a statement of the cost of maintenance per patient per day for the twelve months ending October 31st, 1918, in the ten hospitals mentioned, as compared with the year 1917, being based on actual consumption.

It follows out the order of the sub-divisions of appropriations voted by the Legislature, and is calculated to two places of decimals of a cent. The figures in black-faced type represent totals.

Invoices for all purchases, properly certified by the Bursar and the Storekeeper, as to accuracy and receipt of goods, are checked in the Department before being submitted to the Treasury for payment.

A system of Daily Requisitions for all supplies, such as provisions, is carried out and these requisitions are forwarded to the Department semi-weekly. In case of coal, the amount consumed on each shift is weighed and weekly report of consumption made by the engineer.

Under headings "Provisions" and "Clothing" is shown only consumption by patients—the value of such supplies to officers, attendants, nurses, and employees being included in the account "Employees' Meals and Uniforms" under the heading "Salaries."

Quarterly inventories of stock are taken at each Institution, and are checked with the ledger accounts of the Department.

Returns are made of all products of the Farm and Garden, as received, charges being made against the cost of maintenance, and the Farm and Garden given credit for the same; for this purpose a uniform price list is in use for all Institutions, regardless of size or fertility of farm. At the end of the year the value per patient per day of such products—fruits, vegetables, feed and fodder, meat and eggs—is deducted from the gross per capita cost and appears in the statement as "Farm Recoveries."

APPENDIX

TO FIFTY-THIRD ANNUAL REPORT UPON THE ONTARIO HOSPITALS, CONTAINING THE ANNUAL REPORTS OF THE MEDICAL SUPERINTENDENTS OF ONTARIO HOSPITAL FOR FEEBLE-MINDED, ORILLIA, AND THE ONTARIO HOSPITAL FOR EPILEPTICS, WOODSTOCK.

W. W. Dunlop, Esq.,

Inspector,

Parliament Buildings,

Toronto, Ont.

Sir:—

I have the honour to submit the annual report of the Ontario Hospital, Orillia, for the year ending Oct. 31st, 1920. The movement of the population during the period under review is set forth in the following table:

	Male	Female	Total	Male	Female	Total
Capacity of Hospital	536	563	1,099			
In residence Oct. 31st, 1919				468	577	1,045
Admitted during the year 1920:—						
By Warrant	4	3	7			
By Medical Certificate	8	78	164	90	81	171
				558	658	1,216
Discharges during year:—						
As improved	2	6	8			
As unimproved	10	3	13			
Total number discharged during year	12	9	21			
Died	41	28	69			
Eloped	4	1	5			
Transferred	137	137				
Deported		1	1	57	176	233
Remaining in Hospital Oct. 31st, 1920				501	482	983

The decline in the population from Oct. 31st, 1919 to Oct. 31st, 1920, is explained by the transfer of 137 patients to Queen St., Toronto, nearly all of whom were of the Whitby group which had found temporary residence at our Hospital during the three last years of the war. Since their departure the New South Cottage has been restored to its original purpose and now houses sixty-three of our feeble-minded girls. We have room for eighty or ninety more in this building but it has been found impossible to increase our nursing staff sufficiently to warrant the opening of more divisions. Not since pre-war days has there been experienced in this and like institutions such a difficulty in maintaining a capable nursing staff. There would appear to be available at all times a reasonable supply of male help but quite different is the situation when it comes to securing young women with the necessary qualifications to take charge of a group of these patients. Let us hope that with the salary readjustment, which promises to afford better encouragement in the nursing department, the disability under which we now labor will no longer exist.

Reverting once more to the movement of the population, it will be noticed that the admissions number 171, which is considerably above the average of the past few years. The larger portion of these admissions is made up of children. The ages range as follows:—Under 8 years, 32. Between 8 and 12, 57. Between 12 and 20, 56; and over 20, 26. We should like the public to become more impressed with the fact that this Hospital is for the training and care of feeble-minded children and young men and young women. Constant pressure is being used to send to our institution children in arms, or those requiring only

physical nursing, and old men and old women who have passed beyond the period of usefulness and are harmless to themselves and the community and can well be looked after in any home or refuge. What we have frequently pointed out and again must emphasize is this:—The Ontario Hospital, at Orillia, is not an infant's home nor an old men's nor old women's home. It has a full field, even more than it can cover, if it trains and takes care of feeble-minded children over six years of age and young men and young women who, in their own interests and for the protection of society, require the supervision and direction here afforded. Just in so far as our available accommodation is taken up by infants or old people who could be properly looked after elsewhere, is the work of this Institution failing of its greatest results. Besides, in the interest of the little ones, it is not well to transfer them from the home to an institution. No institution, however well conducted, can give the intimate attention to the infant that the ordinary home is capable of giving; nor can any nurse in an institution fully take the place of the infant's mother. The Mother Allowance scheme—one of the worthiest projects launched in our province for many years—may point the way to better conditions for the helpless infant in a large number of cases. In our opinion, it would pay the State to recompense the mother for looking after the infant rather than have the infant committed to a public institution.

The gravest experience of the year was an outbreak of smallpox in the beginning of November. The report of our Medical Director forwarded to the Provincial Board of Health gives a detailed account of the epidemic and reads as follows:—

"On the 6th November thirty-one of the boys in the Main Building were found to have a vesicular eruption much resembling chicken-pox. In most of these cases there was a history of having had about three days' illness resembling an influenzal attack and accompanied by some rise of temperature, which varied from 101 to 104. These symptoms had completely subsided and the patients were feeling well when the eruption manifested itself. A consulting physician, Dr. Albert Harvie, was immediately called and Dr. McLean, the local M.O.H., was notified; the Provincial Board of Health was communicated with and responded by Dr. McClennan, District officer of Health, coming at once.

"A diagnosis of smallpox was made; the wing of the building where these cases occurred was put in complete isolation and the entire institution quarantined for two weeks.

"A general vaccination of the entire personnel of the institution was at once instituted. In the course of the next few days the number who manifested a similar train of symptoms had increased to thirty-eight. On the 18th two boys who had been vaccinated only a few days before were found to have a few scattered vesicles but their condition was of so a slight character as to convince one that the attack had been aborted.

"One boy who was not vaccinated on account of illness was found on the 18th to have a typical eruption and passed through a regular attack of smallpox. This made a total of forty-one cases. By this time the entire population had been vaccinated and it is noteworthy that as soon as this had been accomplished there was not another case of smallpox in the institution with its population of over eleven hundred. About twelve hundred vaccinations were done as we included the families of employees living nearby amongst those who needed the protection.

"At the outset of our vaccination there were a few employees who, under the influence of ill-advised statements, made in some of the Toronto papers, were fearful of contracting foul diseases through vaccine and raised some objections. When, however, the inaccuracies of these statements were made clear to them and they were confronted with the alternative of the very great risk of smallpox itself on the one hand, and the possible inconvenience of vaccination on the other, vaccination soon came to mean to them a blessed privilege which they sought, and not the tyrannical imposition the unfortunate expressions they had read had led them at first to fear.

"A few of those vaccinated had a slight indisposition with an attack of hives and in half a dozen instances the arm was considerably swollen for a few days accompanied by some rise in temperature. In three instances there was axillary abscess. Upon the whole, the inconvenience was slight and there was only a half dozen who did not show the typical reaction even though many had old scars of former vaccinations. One case in which the vaccination appeared to have taken developed the typical smallpox rash.

"Many of the children in the isolated wing were constantly exposed to the infection, some of them helping with the work about the dormitories where the sick were, but the fact of their having been vaccinated unquestionably created immunity. To the prompt institution of a general immunity through vaccination, alone, is owing the fact that the epidemic was cut short almost the day it was discovered. We were able to remove all quarantine restrictions from the isolated wing on the 10th December.

"It is also a noteworthy fact that none of those who had the smallpox had marks of a previous vaccination. These were all vaccinated on this occasion but there was no local reaction.

"Here we have, under daily observation, twelve hundred persons, recently vaccinated. We have watched carefully for the development of complications attributable to the vacine or to concurrent infection accidentally supervening and have had a number as indicated, but all were trifles compared with one unvaccinated person going through life with a face like a crater field in France.

"Our experience has been an impressive demonstration of the efficacy of vaccination in this disease; living in the congested way we do in an institution, what else could have prevented a sequence of hundreds of cases upon the explosive outbreak which we had?

"In addition to the above I would mention also that chicken-pox visited us during January, there being nineteen cases.

"During March 1920 influenza broke out in the Boys' Old Cottage. The epidemic was confined to that cottage, there being twenty-six cases with one death.

"In April we had a rather severe epidemic of measles which spread amongst both the boys and girls. There were seventy-two cases in all and, as is invariably the case under such conditions, the low grade patients suffered most severely; eleven of these succumbed owing chiefly to pneumonia as a complication.

"During the year there were two outbreaks of diphtheria. On one occasion ten cases developed. The second movement has resulted in six cases, three being amongst the employees who are still in isolation. Two cases of typhoid fever occurred, one in January and one in August. There were seven operations for appendicitis, six for hernia, fourteen for tonsils and adenoids and one for removal of an ovarian cyst weighing twenty-nine pounds. Seven thousand two hundred and forty items were taken care of in the dispensary besides a large number of minor matters requiring time and attention of the medical staff on the wards.

"During the past year the building program, inaugurated in 1913, was completed. All the barn buildings have been moved across the road and the new fire hall has been completed. The most important work of the year, however, has been the construction of the sewage disposal plant on plans prepared by engineers of the Provincial Board of Health and under the direction of the Public Works Department. We are assured that this plant is of the most modern type and capable of taking care of an institution of twice our population. It is known as the activated sludge system. Compressed air from our boiler-room oxidizes the contents of the tank; the effluent or purified liquid runs into the old sewer line and thence into the lake while the sludge passes under the railroad track to an open pit from which it can be conveyed to the land as a fertilizer.

"I would beg to repeat our suggestion made in 1919 in reference to the extension of our school work and the enlargement of our industrial activities. We have now the accommodation to meet all reasonable requirements in this respect. The numbers of our trainable children are increasing every year. If we are to

fill adequately the place and discharge the duties that have been assigned this institution we must very materially enlarge our training school department and extend our industrial operations.

"An incipient fire occurred in the matron's sitting-room on the morning of Jan. 22nd. A defective grate allowed some embers to get through the floor but fortunately the trouble was discovered in time and the fire was put out before any considerable damage was done.

"On Aug. 16th a fire broke out in the annex to our dairy building. There was a ready response to the alarm and the institution brigade very quickly had two streams playing on the fire. After half an hour's hard fighting the fire was stopped almost in the middle of the hay mow in which it originated. The Orillia Fire Brigade came to our assistance and gave our men a well earned spell. The damage has since been repaired by our own carpenter at a total cost of not more than $1000,00.

"During the past year we have been honoured with visits by a number of distinguished people and many interested in the training of the feeble-minded. The most noted visitor was Sir Arthur Currie, now president of McGill University, who with Lady Currie, spent May 6th with us. Sir Arthur and Lady Currie were apparently very much pleased with what they saw and after the entertainment in the auditorium the distinguished soldier and educationist expressed his thanks to the children for their delightful entertainment and his satisfaction at seeing such good work being done by the staff of the institution.

"I have the honour to be, Sir

"Your obedient servant,

"J. P. Downey.

"Superin'endent."

TABLE No. 1—ORILLIA.

Showing movements of patients in the Hospital for the official year ending Oct. 31st, 1920.

	Male	Female	Total	Male	Female	Total
Capacity of Hospital	536	563	1,099			
In residence Oct. 31st, 1919				468	577	1,045
Admitted during the year 1920:—						
By Warrant	4	3	7			
By Medical Certificate	86	78	164	90	81	171
Total number under treatment during year				558	658	1,216
Discharges during year:—						
As recovered						
As improved	2	6	8			
As unimproved	10	3	13			
As not insane						
Total number discharged during year	12	9	21			
Died	41	28	69			
Deported		1	1			
Eloped	4	1	5			
Transferred		137	137	57	176	233
Remaining in Hospital Oct. 31st, 1920				501	482	983
Total number admitted since opening of Hospital	1,717	1,580	3,297			
Total number discharged since opening of Hospital	202	122	324			
Total number died since opening of Hospital	929	804	1,733			
Total number deported since opening of Hospital	2	3	5			
Total number eloped since opening of Hospital	33	1	34			
Total number transferred since opening of Hospital	50	164	214			
Daily average population	476	490	966			
Collective days' stay of all patients during year	174,550	179,469	354,019			
Number of applications on fyle			445			

TABLE No. 2.—ORILLIA.

Showing social state and religion of patients admitted during the year and since opening of Hospital

	Admissions			In residence			Admissions since opening		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
SOCIAL STATE									
Single	90	78	168	500	479	979	1,704	1,497	3,201
Married	.....	3	3	1	1	2	11	70	81
Widowed	.....	.....	.....	.....	2	2	.....	13	13
Divorced	.....	.....	.....	.....	.....	.....	.....	.....	.....
Separated	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unascertained	.....	.....	.....	.....	.....	.....	2	.....	2
Total	90	81	171	501	482	983	1,717	1,580	3,297
RELIGION									
Baptists	3	4	7	21	21	42	75	57	132
Congregationalists	.....	1	1	.....	2	2	5	4	9
Church of England	23	17	40	103	100	203	333	337	670
Methodists	17	19	36	92	111	203	404	404	808
Presbyterians	20	12	32	95	82	177	308	282	590
Roman Catholics	13	3	16	78	48	126	302	219	521
OtherDenominations	9	10	19	51	53	104	123	104	227
Unascertained	5	15	20	61	65	126	167	173	340
Total	90	81	171	501	482	983	1,717	1,580	3,297

TABLE No. 3.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity	Admissions of Year			Admissions since opening		
	Male	Female	Total	Male	Female	Total
Total Admissions	90	81	171	1,717	1,580	3,297
Total born in Canada	78	72	150	1,418	1,310	2,728
Armenia						
Assyria						
Austria				4	1	5
Australia						
Belgium						
Bulgaria	1		1	1		1
Central America						
China						
Denmark						
England	4	3	7	103	101	204
France				3	2	5
Finland				1		1
Galicia						
Germany				12	9	21
Greece						
Holland						
Hungary						
Ireland		1	1	51	54	105
Italy						
Japan						
Macedonia						
Other British Possessions				3	3	6
Norway						
Roumania						
Russia	2	3	5	9	10	19
Scotland	2	1	3	37	33	70
South America						
Spain						
Sweden				3	2	5
Turkey						
United States		1	1	31	23	54
West Indies						
Unascertained	3		3	41	32	73
Total	90	81	171	1,717	1,580	3,297

TABLE No. 4.

Showing the Occupation of those admitted during the year and since the opening of Hospital.

Occupation	Admitted this Year			Since Opening		
	Male	Female	Total	Male	Female	Total
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc					1	1
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc				3		3
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc				6		6
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc				2		2
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc				17	17	17
Domestic Service:— Waiters, Cooks, Servants, etc		1	1		57	57
Education and Higher Domestic Duties:— Governesses, Teachers, Students, Housekeepers, Nurses, etc				1	64	65
Miners, Marine Engineers, Railway Employees, Seamen, etc				1		1
Laborers				22		22
No Occupation	90	80	170	1,682	1,441	3,123
Unascertained						
Total	90	81	171	1,717	1,580	3,297

TABLE No. 5.—ORILLIA.

Showing the Counties and Districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts	Admitted during year			Admitted since opening			Warrant cases						Remaining in residence		
							Admitted during year			Admitted since opening					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District		1	1	17	17	34		1	1	3	3	6	4	3	7
Brant	2	2	4	30	22	52				1		1	12	5	17
Bruce				38	36	74				5	4	9	4	8	12
Carleton	3	1	4	56	51	107				6	5	11	15	20	35
Dufferin	1		1	7	13	20					2	2	2	4	6
Dundas	1		1	13	8	21				3	1	4	2	5	7
Durham		1	1	19	28	47							6	1	7
Elgin	1	2	3	15	24	39					4	4	6	5	11
Essex	5	1	6	41	25	66				2	3	5	10	8	18
Frontenac				53	45	98				16	13	29	11	4	15
Glengarry				13	5	18				5		5	5	1	6
Grenville				14	12	26					1	1		2	2
Grey		2	2	61	45	106				14	5	19	9	5	14
Haldimand				22	8	30				5		5	2	1	3
Haliburton					4	4					1	1		3	3
Halton				16	12	28				1	2	3	1		1
Hastings	5		5	42	37	79				7	5	12	22	5	27
Huron		1	1	40	30	70				6	3	9	7	3	10
Kenora															
Kent	1		1	30	30	60				2	3	5	5	3	8
Lambton	1		1	33	24	57				4	4	8	7	7	14
Lanark				11	8	19				4	1	5	3	1	4
Leeds		1	1	17	17	34				6	3	9	3	6	9
Lennox and Addington	1		1	20	21	41				2	7	9	5	7	12
Lincoln		2	2	14	16	30				2	2	4	5	7	12
Manitoulin				1		1									
Middlesex	1	4	5	70	42	112				6	1	7	21	11	32
Muskoka District	1		1	21	24	45				2	1	3	6	7	13
Nipissing District	1		1	17	17	34				5		5	10	7	17
Norfolk		1	1	13	17	30				5	5	10	1	7	8
Northumberland	1	1	2	18	31	49				5	3	8	5	7	12
Ontario	3	1	4	53	42	95	1		1	9	1	10	13	11	24
Oxford		1	1	36	35	71				7	1	8	10	10	20
Parry Sound District	1	2	3	13	10	23				2	1	3	7	10	17
Peel				11	27	38				3	3	6	3	10	13
Perth				20	26	46				7	2	9	3	7	10
Peterborough		1	1	23	31	54				7	5	12	7	6	13
Prescott				12	4	16				7	2	9	8	1	9
Prince Edward	1		1	12	16	28							7	2	9
Rainy River District	1		1	5	1	6				1		1	2	1	3
Renfrew				21	27	48				1	5	6	6	8	14
Russell	1		1	6	7	13							2	5	7
Simcoe	2	5	7	102	97	199				15	7	22	18	32	50
Stormont	1		1	15	9	24				11		11	1	3	4
Sudbury		1	1	1	2	3				1		1	1	1	2
Temiskaming	5		5	7	3	10				1	1	2	4	1	5
Thunder Bay District				3	3	6				1	1	2		1	1
Victoria		2	2	23	26	49				5	1	6	1	10	11
Waterloo	1	2	3	30	29	59	1		1	3		3	8	10	18
Welland	1		1	10	12	22					1	1	2	4	6
Wellington	1	1	2	34	27	61				2	2	4	8	11	19
Wentworth	3	5	8	76	86	162	1		1	5	8	13	17	41	58
York	44	39	83	424	367	791	1	2	3	34	14	48	184	139	323
Unascertained		1	1	17	20	37				2	2	4		5	5
Other Provinces				1		1									
Total	90	81	171	1,717	1,576	3,293	4	3	7	241	139	380	501	482	983

TABLE No. 7.—ORILLIA.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during Year		
	Male	Female	Total
Paternal Branch	6	5	11
Maternal Branch	13	15	28
Paternal and Maternal Branches	10	9	19
Collateral Branches	12	10	22
No Hereditary Tendency	34	26	60
Unascertained	15	16	31
Totals	90	81	171

TABLE No. 8.—ORILLIA.

Showing summary of Probational discharges during the year.

	Male	Female	Total
Number granted Discharge	7	8	15
Discharged, Recovered	.....	.....	.....
" Improved	1	1	2
" Unimproved	5	1	6
Returned to Hospital	.....	4	4
Absent on Probation on October 31st, 1920	1	2	3
	7	8	15

TABLE No. 9.—ORILLIA.

Showing the causes of death of patients who died during the year and since the opening of Hospital.

Cause of Death	Died during year			Since Opening		
	Male	Female	Total	Male	Female	Total
Specific Infectious Diseases:—						
Typhoid Fever				18	19	37
Influenza	1		1	10	11	21
Cerebro-spinal Meningitis				3	10	13
Diphtheria	1		1	3	3	6
Erysipelas				3	3	6
Septicæmia				6	7	13
Dysentry	1	1	2	26	26	52
Syphilis				3		3
Tuberculosis	21	7	28	261	206	467
Other Infections	6	7	13	14	16	30
Constitutional Diseases:—						
Rheumatism				1		1
Arthritis Deformans				1		1
Diabetes Mellitus				2		2
Diseases of the Digestive System:—						
Mouth, salivary glands						
Pharynx						
Tonsils					1	1
Œsophagus				1	2	3
Diseases of the Intestines:—						
Diseases of the Liver				10	5	15
" " Pancreas				2	1	3
" " Peritoneum				33	22	55
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx				3	2	5
" " Bronchi				13	9	22
" " Lungs	1	5	6	66	75	141
" " Pleura				10	2	12
Diseases of the Circulatory System:—						
Diseases of the Pericardium				2	1	3
" " Heart	2	2	4	68	64	132
Arterio-sclerosis				2	2	4
Aneurism						
Totals—*Carried Forward*	33	22	55	561	487	1,048

TABLE No. 9.—Continued.

Cause of Death	Died during year			Since Opening		
	Male	Female	Total	Male	Female	Total
Total—*Brought Forward*	33	22	55	561	487	1,048
Diseases of Blood and Ductless Glands:						
Anæmia				8	9	17
Pernicious Anæmia				4	7	11
Leukæmia					2	2
Exophthalmic Goitre						
Diseases of the Genito-Urinary System:	1		1	22	8	30
Diseases of the Nervous System:—						
Diseases of the Nerves				10	6	16
" " Spinal Cord				6	6	12
" " Meninges				2	9	11
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hemorrhage and other gross lesions)	1	1	2	17	23	40
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)				1	3	4
Epilepsy	4	1	5	126	103	229
Mental Diseases:—						
Exhaustion of Acute Mental Disease				1	1	2
Exhaustion of Chronic Mental Disease	1	1	2	2	2	4
General Paresis				52	39	91
Intoxications:—						
Alcoholism						
Morphinism						
Metallic Poisoning						
Heat Stroke					1	1
Debility of Old Age	1	1	2	93	77	170
Accident				5	4	9
Suicide						
Surgical Diseases				17	11	28
Gynæcological Diseases						
Malignant New Growths, or Cancer		2	2	2	6	8
Total	41	28	69	929	804	1,733

TABLE No. 10.—ORILLIA.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease	Admitted			Discharged			Died		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium									
(b) Infection Delirium									
(c) Post Infection Psychoses									
Exhaustion Psychoses:—									
(a) Collapsed Delirium									
(b) Acute Confusional Psychoses									
(c) Neurasthenia									
Intoxication Psychoses:—									
(a) Acute Intoxications									
(b) Chronic "									
(a) Alcoholism (acute and chronic)									
(b) Delirium Tremens									
(c) Korsakow's Psychoses									
(d) Acute Alcoholic Hallucinosis									
(e) Alcoholic Hallucinatory Dementia									
(f) " Paranoia									
(g) " Paresis									
(h) Morphinism									
(i) Cocainism									
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses									
(b) Cretinism									
Dementia Præcox.:—									
(a) Hebaphrenic		2	2						
(b) Catatonic									
(c) Paranoid	1	3	4					3	3
General Paresis:									
Total—*Carried Forward*	1	5	6					3	3

TABLE No. 10—ORILLIA—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease	Admitted			Discharged			Died		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Brought Forward	1	5	6					3	3
Organic Dementias:—									
(a) Cerebral Sclerosis									
(b) Huntingdon's Chorea									
(c) Multiple Sclerosis									
(d) Cerebral Syphilis									
(e) Ttabetic Psychoses									
(f) Arerio Sclerotic Psychoses									
(g) Cerebral Tumor, Abscess, Hemorrhage									
Involution Psychoses:									
(a) Melancholia									
(b) Pre-senile Delusional Psychoses									
(c) Senile Dementia									
Manic Depressive Psychoses:—									
(a) Manic States									
(b) Depressed States									
(c) Mixed States		1	1					2	2
Paranoia									
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses	1		1						
(b) Hysterical Psychoses									
(c) Sexualis Psychopathia									
States of Deficient Mental Development:—									
(a) Imbecility	59	58	117	8	9	17	15	8	23
(b) Idiocy	29	17	46	4		4	26	15	41
Not Diagnosed									
Not Insane									
Total	90	81	171	12	9	21	41	28	69

TABLE No. 11.—ORILLIA.

Periods	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1920	Periods of treatment of those who were discharged recovered during the year.	Period of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month		6				5
From 1 to 2 months		7			1	2
" 2 " 3 "		14				3
" 3 " 4 "		16			1	3
" 4 " 5 "		12			1	2
" 5 " 6 "		14			1	1
" 6 " 9 "		45		1	2	6
" 9 " 12 "		35			3	4
" 12 " 18 "		60		1	1	7
" 18 months to 2 yrs.		66		3		2
" 2 " 3 years		71			3	5
" 3 " 4 "		46		1		8
" 4 " 5 "		37				2
" 5 " 10 "		155		1		5
" 10 " 15 "		106				4
" 15 " 20 "		102				3
" 20 years and upwards		191		1		7
Totals		983		8	13	69

ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT FOR THE YEAR ENDING OCTOBER, 1920.

W. W. Dunlop, Esq.,

Inspector of the Ontario Hospitals,

Parliament Buildings, Toronto, Canada.

Sir:—

I have the honour to submit to you the Fifteenth Annual Report for the Ontario Hospital, Woodstock, for the year ending October 31st, 1920.

We had remaining in residence November 1st, 1919, 195 patients. We admitted during the year, 20 males and 25 females, total 45 patients. Total number under treatment during the year 240, being 116 males and 124 females. Total number discharged during the year 22, being 8 males and 14 females. Discharged improved, 12; discharged unimproved, 10. Total number who died during the year, 16, being 7 males and 9 females. We had remaining in residence October 31st, 1920, 202 patients.

Improvements

The following improvements have been made during the year. Storm drains have been constructed connecting with each of the buildings, and carried through the grounds to the creek for the purpose of taking off all surface water to prevent the overflowing of our filter beds. The exterior of all buildings has been painted, including the barns and drive houses. The interior of the cottages has also been painted. Cables have been laid underground connecting with the buildings, and practically all the outside work, with the exception of the stretching of the wire, has been completed for the placing of our electric wire system underground, thus doing away with poles and wires. An addition has been made to the piggery; new partitions and fences placed on the outside yards. Drive ways have been improved and the ground generally fitted up.

Farm and Garden

The returns from the farm and garden were excellent, crops being extra heavy. We stored 112 tons of hay, 250 tons of corn, 1,000 bushels of barley, 3,200 bushels of oats, 125 bushels of buckwheat, 2,200 bushels of potatoes, 3,000 bushels of mangels, 21,000 pounds of turnips, 4,000 pounds of parsnips, 7,000 pounds of carrots, 5,000 pounds of beans, 9,000 pounds of cabbage, 2,000 pounds of onions and 3,500 pounds of beets.

In addition to above, we have an ample supply of all other vegetables and garden products.

Conclusion

I want to thank you, sir, for the deep interest you have taken in everything pertaining to the advancement of the affairs of this hospital.

I have the honour to be, Sir,

Your obedient servant,

J. J. Williams,

Medical Superintendent.

TABLE No. 1.—WOODSTOCK.

Showing the movements of patients in the Hospital for the official year ending Oct. 31st, 1919.

——	Male	Female	Total	Male	Female	Total
Capacity of Hospital	101	105	206			
In Residence Oct. 31st, 1919				96	99	195
Admitted during year 1920—						
By Warrant						
By Medical Certificate	20	25	45	20	25	45
Total number under treatment during year				116	124	240
Discharges during year:—						
As recovered						
As improved	5	7	12			
As unimproved	3	7	10			
As not insane						
Total number discharged during year	8	14	22			
Died	7	9	16			
Deported						
Eloped						
Transferred				15	23	38
Remaining in Hospital, Oct. 31st, 1920				101	101	202
Total number admitted since opening of Hospital	367	297	664			
Total number discharged since opening of Hospital	143	101	244			
Total number died since opening of Hospital	118	92	210			
Total number deported since opening of Hospital						
Total number eloped since opening of Hospital						
Total number transferred since opening of Hospital	5	3	8			
Total remaining in Hospital Oct. 31, 1920				101	101	202
Daily average population	96.35	101.88	198.23			
Collective days' stay of all patients in residence during year	35,266	37,291	72,557			
Number of applications on file						

TABLE No. 2.—WOODSTOCK.

Showing social state and religion of patients admitted during the year and since the opening of Hospital.

	Admissions of Year			In Residence			Admissions since opening		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
SOCIAL STATE									
Single	15	22	37	88	84	172	300	243	543
Married	5	1	6	11	9	20	65	52	117
Widowed		2	2	2	8	10	2	2	4
Divorced									
Separated									
Unascertained									
Total	20	25	45	101	101	202	367	297	664
Religion									
Baptists	1	1	2	8	12	20	27	26	53
Congregationalists				1		1	1		1
Church of England	5	5	10	23	24	47	85	79	164
Methodists	7	11	18	19	27	46	94	92	186
Presbyterians	5	5	10	31	26	57	84	57	141
Roman Catholics	1	2	3	7	5	12	32	25	57
Other Denominations	1	1	2	7	5	12	36	11	47
Unascertained				5	2	7	8	7	15
Total	20	25	45	101	101	202	367	297	664

TABLE No. 3—WOODSTOCK.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity	Admissions of Year			Admissions since opening		
	Male	Female	Total	Male	Female	Total
Total Admissions	20	25	45	367	297	664
Total born in Canada	13	20	33	293	230	523
Armenia						
Assyria						
Austria				1		1
Australia						
Belgium						
Bulgaria						
Central America						
China						
Denmark						
England	3	4	7	43	48	91
France						
Finland						
Galicia						
Germany						
Greece				3	0	3
Holland						
Hungary						
Ireland	1		1	7	7	14
Italy					1	1
Japan						
Macedonia						
Other British Possessions, India					1	1
Norway						
Roumania						
Russia				2	2	4
Scotland	1		1	8	5	13
South America						
Spain						
Sweden						
Turkey						
United States	2	1	3	10	3	13
West Indies						
Unascertained						
Total	20	25	45	367	297	664

TABLE No. 4.—WOODSTOCK

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation	Admitted this year			Since opening		
	Male	Female	Total	Male	Female	Total
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors. Civil Engineers, Surveyors, etc.	.....	.....	.....	5	.....	5
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.	.....	.....	.....	27	7	34
Agricultural and Pastoral:— Farmers, Gardeners, Stockmen, etc	2	.....	2	58	.....	58
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc.	4	.....	4	26	.....	26
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc.	2	3	5	22	20	42
Domestic Service:— Waiters, Cooks, Servants etc.	.....	3	3	5	41	46
Education and Higher Domestic Duties:— Governesses, Teachers, Students, Housekeepers, Nurses, etc.	.....	.....	.....	17	70	87
Miners, Marine Engineers, Railway Employees, Seamen, etc.	.....	.....	.....	1	.....	1
Laborers	5	.....	5	96	.....	96
No Occupation	7	16	23	100	156	256
Unascertained	.....	3	3	10	3	13
Total	20	25	45	367	297	664

TABLE No. 5.—WOODSTOCK.

Showing the Counties and Districts from which patients have been admitted during the year and since opening of Hospital.

Counties and Districts	Admitted during year			Admitted since opening			Warrant cases: Admitted during year			Warrant cases: Admitted since opening			Remaining in residence		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District	1		1	3	2	5				1	1	2	2		2
Brant	1	1	2	13	9	22							5	4	9
Bruce				5	4	9							2	1	3
Carleton	1		1	9	8	17							4		4
Dufferin				6	5	11							1		1
Dundas				2		2							1		1
Durham				3		3									
Elgin		2	2	8	9	17				1		1	3	3	6
Essex				7	2	9							4		4
Frontenac				4		4									
Glengarry															
Grenville				1	1	2									
Grey	2		2	8	6	14							5	3	8
Haldimand				1		1				1		1			
Haliburton															
Halton				5	2	7				1		1	1	1	2
Hastings		1	1	7	5	12							2	3	5
Huron		1	1	8	4	12							2	3	5
Kenora															
Kent		1	1	5	5	10							2	4	6
Lambton		1	1	13	12	25				1		1	2	4	6
Lanark		1	1	2	2	4							1	1	2
Leeds				1	3	4							1	2	3
Lennox and Addington					1	1									
Lincoln	1	1	2	8	5	13					1	1	2	3	5
Manitoulin															
Middlesex		2	2	27	16	43				1		1	6	4	10
Muskoka District	1	1	2	1	2	3							1	2	3
Nipissing District				1	4	5									
Norfolk				5	4	9							1	1	2
Northumberland	2		2	4	3	7							2	1	3
Ontario				1	9	10							1	2	3
Oxford		1	1	18	14	32							5	4	9
Parry Sound Dist	1		1	1	1	2							1	1	2
Peel		1	1	1	2	3							1	2	3
Perth		2	2	13	4	17							2	3	5
Peterborough				3	3	6							1	1	2
Prescott															
Prince Edward				2	2	4								1	1
Rainy River Dist					1	1									
Renfrew		1	1	2	2	4							1	1	2
Russell				2	1	3								1	1
Simcoe		1	1	10	9	19				1		1	1	4	5
Stormont				5	2	7							1	1	2
Sudbury															
Temiskaming															
Thunder Bay Dist				4		4				3		3	2		2
Victoria				4	7	11				1		1		2	2
Waterloo				14	4	18				2		2	1	1	2
Welland	1	1	2	4	2	6				1		1	1	2	3
Wellington				5	8	13							1	3	4
Wentworth	2		2	21	20	41							5	6	11
York	7	6	13	95	90	185				5	5	10	26	25	51
Unascertained				5	2	7							1	1	2
Other Provinces															
Total	20	25	45	367	297	664				19	7	26	101	101	202

TABLE No. 6.—WOODSTOCK.

Showing the assigned causes of Insanity in the cases admitted during the year.

Causes	Men	Women	Total	Inherited Predisposition			Un-ascertained.
				Men	Women	Total	
Moral:							
Adverse Conditions (such as loss of friends, business troubles, etc.)	1		1				
Mental Strain, Worry and Overwork (not included in above)							
Religious Excitement							
Love Affairs, including seduction							
Fright and Nervous Shock		5	5				
Physical:—							
Alcoholism							
Sexual Excess							
Venereal Diseases							
Masturbation							
Insolation							
Accident or Injury	2		2				
Pregnancy							
Parturition and Puerperium							
Lactation							
Climacteric Period							
Fevers	1		1				
Privation and Overwork							
Epilepsy							
Other Convulsive Diseases							
Diseases of Brain and Skull							
Senility							
Exophthalmic Goitre							
Epidemic Influenza							
Abuse of Drugs							
Loss of Special Sense							
Uræmia							
Other Auto-infection							
Other Bodily Diseases							
Hereditary:—							
Congenital Defect	3	6	9	3	6	9	
Unascertained	13	14	27				
Not Insane							
Totals	20	25	45	3	6	9	

TABLE No. 7.—WOODSTOCK.

Showing hereditary tendency to Insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted during year			Since Opening		
	Male	Female	Total	Male	Female	Total
Paternal Branch	2	1	3	20	15	35
Maternal Branch		1	1	21	15	36
Paternal and Maternal Branches				6	8	14
Collateral Branches	1	4	5	18	19	37
No Hereditary Tendency	7	7	14	219	175	394
Unascertained	10	12	22	83	65	148
Total	20	25	45	367	297	664

TABLE No. 8.—WOODSTOCK.

Showing summary of Probational Discharges during the year.

	Male	Female	Total
Number granted Discharge			
Discharged, Recovered			
Discharged, Improved			
Discharged, Unimproved			
Died			
Returned to Hospital	4	3	7
Absent on Probation on October 31st, 1920			

TABLE No. 9.—WOODSTOCK.

Showing the causes of death of patients who died during the year and since the opening of Hospital.

Cause of Death	Died during year			Since Opening		
	Male	Female	Total	Male	Female	Total
Specific Infectious Diseases:—						
Typhoid Fever						
Influenza				3	3	6
Cerebro-spinal Meningitis						
Diphtheria						
Erysipelas						
Septicæmia					1	1
Dysentry						
Syphilis						
Tuberculosis				3	1	4
Constitutional Diseases:—						
Rheumatism						
Arthritis Deformans						
Diabetes Mellitus						
Diseases of the Digestive System:—						
Mouth, salivary glands						
Pharynx						
Tonsils						
Œsophagus					1	1
Diseases of the Intestines:—						
Diseases of the Liver						
Diseases of the Pancreas						
Diseases of the Peritoneum					1	1
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx						
Diseases of the Bronchi				2	2	4
Diseases of the Lungs, Pneumonia		2	2	8	14	22
Diseases of the Pleura						
Diseases of the Circulatory System:—						
Diseases of the Pericardium						
Diseases of the Heart				4	6	10
Arterio-sclerosis				1		1
Aneurism						
Total—*Carried Forward*		2	2	21	29	50

TABLE No. 9.—WOODSTOCK.—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death	Died during year			Since Opening		
	Male	Female	Total	Male	Female	Total
Brought Forward		2	2	21	29	50
Diseases of the Blood and Ductless Glands:—						
Anæmia				2	2	4
Pernicious Anæmia						
Leukæmia						
Exophthalmic Goitre						
Diseases of the Genito-Urinary System						
Diseases of the Nervous System:—						
Diseases of the Nerves						
Diseases of the Spinal Cord						
Diseases of the Meninges						
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hemorrhage, and other gross lesions)				7	3	10
Functional Nervous Diseases, Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria)				2		2
Epilepsy	2	2	14	83	54	137
Mental Diseases:—						
Exhaustion of Acute Mental Disease				1		1
Exhaustion of Chronic Mental Disease				2	3	5
General Paresis						
Intoxications:—						
Alcoholism						
Morphinism						
Metallic Poisoning						
Heat Stroke						
Debility of Old Age						
Accident						
Suicide						
Surgical Diseases					1	1
Gynæcological Diseases						
Malignant New Growths, or Cancer						
Total	7	9	16	118	92	210

TABLE N . 10.—WOODSTOCK.

Periods	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct 31st, 1918.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month	.....	9	.....	.....	.....	.....
From 1 to 20 months	.....	4	.....	.....	1	.....
" 2 " 3 "	.....	2	.....	.....	.....	1
" 3 " 4 "	.....	4	.....	2	3	.....
" 4 " 5 "	.....	4	.....	.....	.....	.....
" 5 " 6 "	.....	5	.....	.....	.....	.....
" 6 " 9 "	.....	5	.....	1	.....	.....
" 9 " 12 "	.....	7	.....	.....	.....	.....
" 12 " 18 "	3	12	.....	3	.....	2
" 18 months to 2 yrs.	.....	10	.....	1	2	1
" 2 " 3 years	2	19	.....	2	1	2
" 3 " 4 "	1	15	.....	2	1	4
" 4 " 5 "	3	14	.....	.....	1	1
" 5 " 10 "	10	41	.....	1	1	4
" 10 " 15 "	7	51	.....	.....	.....	1
" 15 20 "	5	.....	.....	.....	.....	.....
" 20 years and upwards	14	.....	.....	.....	.....	.....
Totals	45	202	.....	12	10	16

FIFTY-FIRST ANNUAL REPORT

OF THE

INSPECTOR OF PRISONS AND PUBLIC CHARITIES

UPON THE

Hospitals and Charitable Institutions

OF THE

PROVINCE OF ONTARIO

BEING FOR THE YEAR ENDING 30th SEPTEMBER

1920

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PARLIAMENT BUILDINGS
TORONTO, 16th December, 1920

To His Honour LIONEL HERBERT CLARKE, Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I beg to submit herewith the Fifty-first Annual Report upon the Hospitals and Charitable Institutions of Ontario, being for the official year ending September 30th, 1920.

I have the honour to be,

Your Honour's obedient servant,

H. C. NIXON,

Provincial Secretary.

Office of the

Inspector of Prisons and Public Charities, Ontario.

Parliament Buildings, Toronto, 6th December, 1920.

Sir,—I have the honour to transmit herewith, to be presented to His Honour the Lieutenant-Governor, the Fifty-first Annual Report upon the Hospitals and Charitable Institutions, etc., for the official year ending September 30th, 1920.

I have the honour to be, Sir,

Your obedient servant,

Alex. MacKay, M.D.

Inspector.

The Honourable H. C. Nixon, M.P.P.,
Secretary of the Province of Ontario,
Toronto

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Listowel Memorial Hospital, Listowel, Ont.

Cottage Hospital, Niagara-on-the-Lake.

Prince Edward County Hospital, Picton.

Hospitals and Charitable Institutions

In presenting the fifty-first annual report on the Hospitals and Charitable Institutions for the year ending September 30th, 1920, I beg to state that there are at present in Ontario:—

104 Public Hospitals, including 10 Sanatoria for Consumptives.
42 Private Hospitals.
40 Refuges.
30 Orphanages.
3 Convalescent Homes.
31 County Houses of Refuge.

These have, as far as possible, received official visits of inspection during the year, and those entitled to Government aid in accordance with the Statute have shared in the grants voted by the Legislature for Hospitals and Charities.

The Hospitals.

The record of the year indicates the continued success and progress of the Hospitals of Ontario:

Number of patients in the hospitals, October 1st, 1919	6,710
Number of patients admitted during the year	115,341
Number of births in the hospitals during the year	11,924
Total number under treatment during the year	133,975

The above figures do not include those who received medicine and treatment as outdoor patients.

Number of deaths during the year	7,029
Percentage of deaths to number under treatment	5.01
Total number of days' stay in the hospitals	2,423,208
Provincial grant to hospitals for the past year	$572,130. 05
Amount received from all sources during the year	6,292,034. 45
Subscriptions, donations, etc., during the year	912,334. 44
Total expenditure for hospitals (including capital account, $1,015,305.67) during the year	8,086,817. 10
Average cost for each patient per day	2. 99
Percentage of Provincial grant to total maintenance expenditure	6.9

Provincial Aid to Hospitals.

1. A Provincial grant is made for all patients in a hospital during the first ten years of its existence at the rate of fifty cents per day, irrespective of what sum is contributed by the patients themselves.
2. After a hospital has been in existence for ten years the grant is paid only for patients for whose maintenance $10.50 per week or less is contributed.
3. In all cases the limit is 120 days, and if the patients remain in the hospital longer than that period the refuge rate of ten cents per day is allowed.
4. No allowance is made for infants born in hospital.

Aid to Sanatoria for Consumptives.

1. A grant of $4,000 on the erection and satisfactory equipment of the necessary buildings.
2. A grant of seventy-five cents per day for the maintenance of each indigent patient.

These grants to be in consideration of proper accommodation being provided, and only to assist in the maintenance of indigent patients coming from theProvince of Ontario. There were 3,122 patients cared for in the ten different Sanatoria for Consumptives during the past year.

The Year's Work in the Hospitals.

The number of patients cared for in the Public Hospitals of Ontario during the past year was 133,975.

The total expenditure for maintenance and equipment during the year was $7,071,511.43.

INTRODUCTION TO GENERAL HOSPITAL REPORT

Hospital progress in Ontario during the past ten years has been continuous and hospitals are now patronized by the general public more than ever before. This can be accounted for readily. In the first place hospitals are now regarded as a social factor and are appreciated accordingly. Second, the general prosperity of the people for the past few years has enabled them to pay for private hospital accommodation. Third, the scarcity of domestic help and skilled nursing has made it practically impossible to treat cases of sickness in a private house. This has led to overcrowding in some of the hospitals.

During the war the establishment of new hospitals and changes or additions to existing ones was very much curtailed. The high cost of labor and material on one hand and the philanthropy of the people being directed to war activities was the cause of this. Since the close of the war, however, hospital activities have greatly increased, resulting in changes and additions to the older hospitals and the erection of new hospitals in the smaller towns in the Province. During the past year new hospitals have been established in Listowel, Dunnville, Windsor, Niagara on-the-Lake, Picton, besides the Maternity Hospital in London.

At the present time other towns are preparing to establish hospitals and in the course of a few years, it will probably be possible for a patient to obtain scientific medical treatment in his own community without the expense and labor of travelling to a large centre. A well conducted hospital in a small town is an incalculable benefit to the community. Patients are able to receive hospital treatment at the minimum of cost, to be attended by their own physicians and be in the midst of their friends.

It also affords the advantage for medical research that is a distinct benefit to the community. It is no disparagement of the larger hospitals to state that in many towns in the Province the medical equipment is quite equal to that in the city institution. The truth of this assertion is found in the many brilliant and satisfactory results of medicine and surgery accomplished in the rural hospitals.

The policy of the Provincial Government has been to pay a grant towards the maintenance of patients in hospitals in order to encourage local philanthropy, but not to assume the responsibility for the success of the institution. There is a tendency abroad now that in my opinion does not tend to the best interests of hospitals. The moment that any hospital or other public institution becomes a provincial charge, that moment it ceases to enlist the sympathies of men of wealth; and it would be a misfortune to the whole hospital idea if its significance should cease to attract the interest of the people. The best and most hopeful ends can only be attained by following along our present methods. That is, to keep the hospital a social factor, making its appeal to those able to contribute, and the co-operation of the Province solely to encourage the movement.

Many of the hospital buildings in the Province are simply remodelled private residences. This is not all gain, even though in some instances the sites and buildings have been donated to the Hospital Boards. Hospital architecture means much in the way of success or failure and it is not possible to convert a private house into a suitable hospital. In the end there will always be found some drawbacks that make efficiency difficult. The modern view of hospital architecture inclines to the opinion that a general hospital should not be over two stories in height and that the interior walls should not be solid and massive but rather capable of being readily removed. This admits of these walls being changed so as to conform to modern demands. A hospital built 25 years ago is not a modern building and is not, as a rule, supplied with the utilities that mean so much to the nursing and medical staffs. This is one argument on behalf of the interior walls being either portable or capable of being easily and economically removed, and there is certainly much to be said in its favor. Another argument is that it is neither possible nor desirable to standardize hospital construction. The most that can be expected is hospital efficiency, both in equipment and methods, that shall measure up to a reasonable therapeutic standard; but where one is met with a solid wall whose presence increases the number of unnecessary steps and interferes with good hospital housekeeping, then it becomes apparent that if the wall were portable the task of management is more readily solved.

Comparisons Between 1910 and 1920.

Hospital progress, like all other forms of real development, can only be ascertained by making comparisons covering a number of years. The following table includes some of the more important features of the work, and will be found interesting and instructive alike to the physician, the nurse and to the intelligent layman.

TABLE SHOWING HOSPITAL PROGRESS IN THE PROVINCE FROM 1910 TO 1920

	Number of hospitals in the Province including 10 Sanatoria.	Capacity in beds	Number of patients under treatment.	Number of days stay of patients.	Amount expended by Hospitals.	Cost per day per patient.	Number of deaths.	Number of births.	Percentage of beds occupied.	Provincial grants to hospitals.	Amount received from all sources.
1910	78	6,039	53,692	1,179,019	Capital: $423,432.29 Maintenance: $1,440,390.57	$1.25	3,344	2,751	53%	$159,198.87	$1,463,871.04
1920	104	10,272	133,975	2,423,208	Capital: $1,015,305.67 Maintenance: $7,071,511.43	$2.99	7,029	11,924	66%	$572,130.00	$6,292,034.00

In concluding this introduction I would again emphasize the importance of every community taking an interest in its local hospital. The community may be divided in its allegiance to some particular church, but the hospital is not sec-

tarian. Its significance appeals to all, whether Jew or Gentile, white or black. Everyone should feel that this is an institution that can be best characterized as "Our Hospital." This gives to it the personal touch and places it in the same place as the country of our birth or adoption. Men imbued with the national idea will go forth and fight for their rights, and citizens who feel the personal relationship to a hospital will always esteem it a duty and a pleasure to assist towards its support.

County Houses of Refuge.

There are now 39 County Houses of Refuge in the Province of Ontario, and during the past year the average number of inmates was 1744. The result of the past year's inspection affords gratifying evidence that in nearly all the counties an earnest effort is being made to conduct a House of Refuge properly and provide for the inmates comfortable homes. Those counties which hesitated for many years before complying with the Statute which compels each country to provide a home for its indigents, now recognizes that her local institutions are a necessity and that in making provision for their indigents a humane step has been taken. Many of these institutions are a credit to the counties which have erected and are maintaining them. There are a few instances, however, where there is an apparent tendency to neglect the keeping up of repairs and improvements needful for the comfort of the old people committed to these institutions. The comfort of the inmates depends almost entirely upon the management, and sufficient help should be given to enable the management to give the proper care and attention. In many instances the more able and intelligent of the inmates are looking after the others; this is not entirely satisfactory. A nurse should be employed to look after those who are sick or infirm and who require special attention. In some of the institutions where I have pointed out the necessity of reforms being instituted in order to have the inmates, their bedding and clothing kept in proper condition, the argument has been raised that the inmates have never been as comfortable before in their lives. While this may in some instances be correct, it is not the proper view-point. Houses of Refuge are public institutions, maintained and supported by the rate-payers who have a right to expect and demand that abuses shall not be tolerated. It is not in any way encouraging extravagance to insist that these institutions should be kept clean, comfortable and sanitary, and that the inmates when sick should have someone employed to nurse them and minister to their needs.

There seems to be a tendency for some counties to shirk their responsibility in caring for those indigents who are suffering from an incurable disease and unable to care for themselves, but who do not require active medical treatment. In some cases the opposition to admitting these cases comes from the officers in charge of the institution because owing to the lack of help and the fact that these people require extra care they do not want them admitted. Very often application is made to have these cases admitted to Homes for Incurables or Provincial institutions, forgetting the fact that Homes for Incurables are local institutions and there are no Provincial institutions except for those who are mentally diseased or deficient. This is not the proper attitude to take because it is the duty of every municipality to care for its indigent and helpless poor, and it is for this purpose that the Houses of Refuge are built and maintained. If these inmates require extra or special care it is, according to our Regulations, the duty of the county to supply sufficient nursing help for such purpose.

During the past year an Association has been formed to be known as The Ontario Association of the Homes for the Aged and Infirm. The objects of the Association shall be: (a) A closer official and personal relationship amongst the Superintendents and Matrons and others interested in the management of Homes for the Aged and Infirm, and the concerted action in the promotion of the welfare of the aged and infirm in the various institutions throughout the Province. (b) The promotion of such suggestions or regulations as would best tend to a more uniform system of management and accounting.

Those eligible for membership in the Association shall be:

(a) Superintendents and Matrons of Homes for the Aged and Infirm,

(b) Inspectors of any Institution for the Aged and Infirm,

(c) Any person or member of a Committee under whose jurisdiction the management of such institution may come.

The Annual municipal membership fee shall be $10.00 and the individual membership fee shall be $2.00

The Annual Meeting of the Association shall be held in such month and at such place as may be determined at the previous meeting, and on such dates as may be fixed by the executive committee, and of such meeting at least two months notice shall be given to the members.

The officers of the Association shall consist of a President, Secretary, and Treasurer. There shall also be an executive committee of four members selected from the membership at large. The officers of the executive committee shall be elected at the Annual Meeting. At the Annual Meeting papers will be read and discussed by the members on matters pertaining to the management of these institutions. These discussions should prove of great interest to the members and would tend to promote greater efficiency in management.

I would like very much to see every person who is engaged in the management of these institutions become members of this Association.

District Houses of Refuge.

We have in the Province of Ontario at the present time two District Houses of Refuge. One established some years ago at Sault Ste. Marie, in the District of Algoma; and the other established last year at Powassan, in the District of Parry Sound. The District of Thunder Bay has also purchased a property close to the cities of Port Arthur and Fort William, on which it is proposed to establish a House of Refuge in the near future.

An Act respecting District Houses of Refuge gives the authority to any district to establish, erect and maintain a House of Refuge in such district when the By-law authorizing the same has been passed in the majority of the organized municipalities. By the same authority and under the same authority and under the same conditions two or more contiguous districts may unite to establish a joint House of Refuge. To every district establishing a House of Refuge and to each district that unites in establishing a joint House of Refuge the Government gives a grant of $4,000 toward the purchase of land and the erection of buildings. Toward the maintenance of such institution the Government gives a grant of 10 cents per day per inmate.

From time to time communications are received by this Department asking for information regarding an institution where an indigent person without friends and unable to support himself can be placed. The Government has no institution for such persons, believing that it is the duty of every municipality to establish an institution for the care of its indigent poor. With this idea in view, this Act was placed upon the Statutes.

To such districts as have not yet established a House of Refuge, I would strongly recommend that they seriously consider the advisability of establishing such an institution. If they feel that this would be too great a financial burden for them, they might enter into negotiations with a contiguous district with a view to establishing a joint institution.

Orphanages.

During the past year there were thirty-one Orphanages in Ontario receiving Government aid. The number of children cared for in these institutions during the year was 4,951, which was 49 less than during the previous year.

The total expenditure for the maintenance of these charities during the year was $462,905.93, towards which maintenance the Government gave a grant of $23,813.07. During the past year the Government grant toward these institutions has been increased from 2c. to 5c. per day, per inmate. Visits of inspection made during the year would indicate that these institutions are being carefully and economically managed. The children appeared comfortable and happy and seemed to be cared for in a kind and sympathetic manner. In many instances there is a tendency towards overcrowding, this, however, is practically unavoidable owing to the fact that during the past years the number of children seeking admission has largely increased, while the high cost of labor and material have made the provision for increased accommodation practically impossible, because outside the assistance given by the Government and the municipality these institutions are wholly financed by public philanthropy. Too much credit cannot therefore be given to these public benefactors, who, actuated by the desire to do a public service, are giving their time and their means to care for these unfortunate children, in an effort to make them good and useful citizens.

The idea is gradually gaining ground that an Orphanage should have a country location where the children can have the advantage of hygienic surroundings and have an opportunity of engaging in open air exercise. Following out this idea, the Kitchener Orphanage has purchased a site of ten or twelve acres outside the city limits where they hope in the near future to erect a suitable building. The True Blue Orphanage at Picton have also purchased a block of land containing thirty-seven acres, about seventeen miles north of Toronto. Here it is intended to build an up-to-date institution capable of accommodating over one hundred children.

Nursing Situation in the Province.

Although no census has been taken, as far as I can gather from the very best authority, we have about 5,000 graduate nurses in the Province and about 500 are graduating annually from the various Training Schools. Notwithstanding this fact, there are complaints from certain centres throughout the Province that there is a scarcity of graduate nurses for private nursing, particularly at times when there are extra demands for nursing service. This may be accounted for in several ways:

1. A certain percentage of the nurses upon graduation get married.
2. A great many enter the field of Public Health work, such as District Nursing, School Nursing, Industrial Nursing, etc. As the various branches of Public Health work develop throughout the Province it will continue to attract many of our nurses on account of the fair remuneration, short hours and absence of night work.
3. Many of our smaller Training Schools have affiliated courses with hospitals in the United States and many of the nurses after taking this course do not return. If arrangements could be made to have these affiliated courses in some of the larger hospitals in the Province, many of these nurses would remain at home.

We have within the Province 104 hospitals including sanatoria. These, with the exception of fifteen or twenty, conduct Training Schools. Many of our hospitals have complained during the last few years that they have not been able to secure a sufficient number of pupil nurses. This is becoming a very serious matter. The reasons assigned by the Superintendents for this shortage are as follows :

1. Opportunities for women in other branches of business.
2. Unattractive work as regards hours, length of time in training and lack of remuneration.
3. Too domestic an occupation for the present generation.
4. Lack of proper living accommodation.
5. Not large enough percentage of girls in Ontario taking a High School education.
6. Lack of recognition of graduates of small schools by those of larger schools. young women to seek training in other Provinces or States where registration prevails.

During the present year there were 134,000 patients treated in the public hospitals of the Province. This requires a large hospital nursing service. The burden of caring for the indigent sick of our Province has been carried on so uncomplainingly that the public generally are unaware that a crisis has now been reached, and it is felt that unless the present conditions in our hospitals and Training Schools are improved, the young women of the province will not be attracted to the nursing profession in this province but will respond to the call of the American hospitals which are advertising daily in our local papers for pupil nurses. The hours on duty will have to be shortened, the remuneration increased and living conditions improved. We have in many of the hospitals throughout the Province beautiful nurses' Homes, while in others the nursing accommodation is most unsatisfactory.

Another reason given for the shortage of applicants to our Training Schools and one which I think is important, is the fact that we have no standard of Registration and consequently none of our Training Schools are Registered Training Schools. For many years the graduate nurses of the Province have been petitioning the Government for Regulations governing the Registration of Nurses by carrying out Clause 18 of the Hospitals and Charitable Institutions Act, which reads as follows:

"Training Schools for Nurses may be conducted at hospitals receiving aid under this Act, and when such regulations in relation thereto as may be prescribed by the Lieutenant-Governor-in-Council have been observed graduate nurses of such training schools may be entitled to registration in a register kept for that purpose under the direction of the Provincial Secretary, and a person so registered may be designated a registered nurse."

Mr. Justice Hodgins in his report on Medical Education in 1917, strongly recommended that the nurses be given the requested status through Governmental regulations with uniform curriculum and uniform examinations. After careful investigation and consideration it was decided that the Government could best solve the shortage of applicants to Training Schools and at the same time raise the status of the graduate of the small hospital by giving such registration.

Although Ontario is graduating annually over 500 nurses with communities becoming through force of circumstances more and more hospitalized and the field of Public Health and Child Welfare conducted by the Department of Health and Education, and by Municipal and Industrial bodies making further calls on the supply of graduate nurses, an adequate supply of suitable applicants to our Training Schools—must remain a matter of vital concern.

ALEX. MACKAY.
Inspector.

TABLE I.—Showing the general movements in each hospital separately.

Hospitals.	Location.	Capacity in beds	Number remaining under treatment on 1st Oct. 1919	Number admitted during the year ending 30th Sept. 1920.	Number of births in hospital during the year.	Total number under treatment during the year ending 30 th Sept., 1920.	Number discharged during the year.	Number who died during the year.	Number remaining under treatment on 30th Sept., 1920
Victoria Hospital	Almonte	14	4	118	32	154	143	7	4
Royal Victoria Hospital	Barrie	75	25	743	80	848	772	38	38
General Hospital	Belleville	85	45	1,135	133	1,313	1,227	48	38
General Hospital	Bowmanville	25	23	237	38	298	266	20	12
General Hospital	Brantford	135	98	2,353	280	2,731	2,479	155	97
Brant Sanitarium	"	24	15	42	.....	57	25	7	25
General Hospital	Brockville	70	41	905	82	1,028	950	36	42
St. Vincent de Paul Hospital	"	100	52	1,217	97	1,366	1,260	57	49
Lady Minto Hospital	Chapleau	20	13	294	15	322	294	15	13
General Hospital	Chatham	85	47	1,181	106	1,334	1,239	57	38
St. Joseph's Hospital	"	100	29	934	131	1,094	994	57	43
General Hospital	Clinton	12	3	140	9	152	144	5	3
Cottage Hospital	Cobourg	34	7	334	44	385	344	26	15
Lady Minto Hospital	Cochrane	22	22	394	45	461	399	40	22
General and Marine Hospital	Collingwood	60	35	467	33	535	481	26	28
General Hospital	Cornwall	60	28	594	46	668	599	48	21
Hotel Dieu Hospital	"	105	37	1,044	74	1,155	1,066	50	39
Haldimand Co. Memorial Hosp.	Dunnville	16	...	151	9	160	139	7	14
Royal Alexandra Hospital	Fergus	30	20	313	27	360	318	26	16
McKellar General Hospital	Fort William	160	99	3,281	232	3,612	3,389	143	80
General Hospital	Galt	70	49	1,034	203	1,286	1,170	64	52
General and Marine Hospital	Goderich	16	4	176	31	211	190	13	8
Muskoka Cottage Sanitarium	Gravenhurst	78	73	171	.....	244	165	5	74
Muskoka Free Hosp. for Con.	"	308	268	501	.....	769	484	48	237
General Hospital	Guelph	100	53	1,503	122	1,678	1,549	63	66
St. Joseph's Hospital	"	68	39	870	100	1,009	925	48	36
City Hospital	Hamilton	509	331	7,826	703	8,860	7,984	537	339
St. Joseph's Hospital	"	116	78	2,485	147	2,710	2,516	117	77
Mountain Sanitarium	"	175	161	176	.....	337	135	36	166
Providence Hospital	Haileybury	89	27	976	39	1,042	965	50	27
General Hospital	Ingersoll	25	7	222	50	279	244	23	12
General Hospital	Kenora	35	10	240	34	284	262	10	12
St. Joseph's Hospital	"	40	15	288	8	311	279	17	15
General Hospital	Kincardine	18	4	271	43	318	294	19	5
General Hospital	Kingston	300	146	3,496	165	3,807	3,510	168	129
Hotel Dieu Hospital	"	160	106	2,065	126	2,297	2,110	84	103
Essex Health Association	Kingsville	50	37	40	.....	77	30	4	43
Kitchener and Waterloo Hosp.	Kitchener	65	31	1,247	129	1,407	1,283	69	55
General Hospital	London	400	215	4,333	253	4,801	4,347	228	226
St. Joseph's Hospital	"	153	121	2,327	187	2,635	2,435	103	97
Queen Alexandra Sanitarium	"	309	283	424	.....	707	410	17	280
Victoria Home for Incurables	"	56	54	24	.....	78	10	14	54
Bethesda Hospital	"	26	...	411	374	785	733	6	46
Ross Memorial Hospital	Lindsay	35	32	578	67	677	606	47	24
Listowel Memorial Hospital	Listowel	18	...	173	5	178	168	2	8
General Hospital	Mattawa	45	15	315	.....	330	305	10	15
General Hospital	Midland	14	16	358	44	418	386	16	16
Lady Minto Hospital	New Liskeard	30	14	284	23	321	293	19	9
General Hospital	Niagara Falls	29	23	643	115	781	710	45	26
Queen Victoria Hospital	North Bay	46	18	519	54	591	540	28	23
General Hospital	Orangeville	16	9	168	23	200	176	13	11
General Hospital	Orillia	30	28	664	93	785	738	22	25
General Hospital	Oshawa	40	27	995	136	1,158	1,064	51	43
General Protestant Hospital	Ottawa	160	151	3,110	.....	3,261	2,988	137	136
Roman Catholic Hospital	"	300	172	4,064	7	4,243	3,885	189	169
Maternity Hospital	"	28	41	695	668	1,404	1,353	19	32
Misericordia Maternity Hosp.	"	195	152	407	288	847	703	1	143
Perley Home for Incurables	"	50	46	17	.....	63	5	13	45
Royal Sanitarium	"	68	57	113	.....	170	80	35	55
St. Luke's General Hospital	"	150	151	2,372	.....	2,253	2,301	113	109
General and Marine Hospital	Owen Sound	60	33	817	117	967	872	49	46
General Hospital	Parry Sound	32	13	297	17	327	299	13	15
St. Joseph's Hospital	"	30	18	299	50	367	336	24	7
General Hospital	Pembroke	100	39	985	42	1,066	947	66	53
The Cottage Hospital	"	32	15	392	20	427	383	23	21
General Hospital	Penetanguishene	20	9	139	39	187	173	9	5
Nicholls' Hospital	Peterborough	90	61	1,296	171	1,528	1,383	90	55
St. Joseph's Hospital	"	54	23	783	55	861	804	25	32
C. E. Englehart Hospital	Petrolea	32	20	230	46	296	254	20	22
Prince Edward Co. Hospital	Picton	11	7	259	20	286	269	10	7
Railway, Marine & Gen. Hosp.	Port Arthur	52	36	835	88	959	896	29	34
St. Joseph's Hospital	"	150	48	1,204	121	1,373	1,264	69	40
General Hospital	Port Hope	25	10	278	39	327	283	27	17
Victoria General Hospital	Renfrew	30	21	550	96	667	604	37	26
General and Marine Hospital	St. Catharines	80	51	1,139	332	1,522	1,375	88	59
Consumptive Sanitarium	"	20	6	25	.....	31	19	8	4
Amasa Wood Hospital	St. Thomas	65	42	1,020	220	1,282	1,193	65	24
General Hospital	Sarnia	56	45	752	122	919	812	72	35
General Hospital	SaultSte.Mar.	84	35	1,071	77	1,183	1,079	53	51
Royal Victoria Hospital	"	18	16	369	10	395	364	17	14

TABLE I.—Showing the general movements in each hospital separately.—*Concluded.*

Hospitals.	Location.	Capacity in beds.	Number remaining under treatment on 1st Oct., 1919.	Number admitted during the year ending 30th Sept., 1920.	Number of births in hospital during the year.	Total number under treatment during the year ending 30th Sept., 1920.	Number discharged during the year.	Number who died during the year.	Number remaining under treatment on Sept. 30th., 1920.
Public Hospital	Smith's Falls.	50	20	535	- 85	640	585	31	24
St. Francis' Hospital	"	70	24	515	64	603	549	30	24
General Hospital	Stratford	65	30	794	112	936	856	48	32
General Hospital	Strathroy	28	15	204	14	233	205	6	22
St. Joseph's Hospital	Sudbury	150	94	2,115	72	2,281	2,096	98	87
General Hospital	Toronto	730	526	10,227	1,363	12,116	10,752	787	577
Grace Hospital	Toronto	128	121	2,434	437	2,992	2,779	114	99
Hospital for Sick Children	"	250	210	4,773	.....	4,983	4,186	535	262
Orthopedic Hospital	"	40	21	406	.....	427	402	2	23
The Preventorium	"	60	41	67	.....	108	80	.....	28
St. John's Hospital	"	55	32	795	1	828	766	28	34
St. Michael's Hospital	"	325	272	4,577	434	5,283	4,701	350	232
Toronto Hospital for Incurables	"	240	214	79	.....	293	27	49	217
Salvation Army Women's Hos.	"	39	54	405	390	849	756	33	60
Wellesley Hospital	"	75	72	2,099	265	2,436	2,303	47	86
Western Hospital	"	253	190	4,129	518	4,837	4,420	265	152
Women's College Hospital	"	50	52	985	362	1,404	1,304	49	51
Home for Incurable Children	"	30	28	9	.....	37	9	.....	28
General Hospital	Walkerton	26	16	278	9	303	263	24	16
General Hospital	Welland	50	25	835	35	895	827	41	27
Toronto Free Hosp. for Con... / King Edward Sanitarium / Queen Mary Hosp. for Children.	Weston	390	268	354	.....	622	232	130	260
Hotel Dieu Hospital	Windsor	125	94	2,699	232	3,025	2,798	149	78
General Hospital	Wingham	25	8	204	16	228	204	9	15
General Hospital	Woodstock	60	28	625	78	731	664	39	28
Totals for 1920		...	6,710	115,341	11,924	133,975	120,232	7,029	6,714
Totals for 1919		...	6,496	112,956	9,000	128,452	113,793	7,970	6,689

TABLE II.—Showing the collective stay in days of the adult and infant patients, also the average length of time each patient was under treatment.

Hospitals.	Location.	No. of patients, including infants born.	Collective stay of infants under one year of age.	Collective stay of adult patients.	Total collective stay of adults and infants.	Average stay of each patient, including infants.
Victoria Hospital	Almonte	154	129	2,503	2,632	17.1
Royal Victoria Hospital	Barrie	848	1,069	20,009	21,078	24.8
General Hospital	Belleville	1,313	1,700	13,655	15,355	11.7
General Hospital	Bowmanville	298	567	4,163	4,730	15.9
General Hospital	Brantford	2,731	3,807	36,731	40,538	14.8
Brant Sanitarium	"	57	.....	7,807	7,807	13.7
General Hospital	Brockville	1,028	1,006	15,287	16,293	15.8
St. Vincent de Paul Hospital	"	1,366	1,644	19,457	21,101	15.2
Lady Minto Hospital	Chapleau	322	.....	3,560	3,560	11.0
General Hospital	Chatham	1,334	1,406	15,152	16,558	12.4
St. Joseph's Hospital	"	1,094	1,699	12,459	14,158	12.9
General Hospital	Clinton	152	129	1,380	1,509	9.9
Cottage Hospital	Cobourg	385	426	3,741	4,167	10.8
Lady Minto Hospital	Cochrane	461	540	6,457	6,997	15.0
General and Marine Hospital	Collingwood	535	578	9,931	10,509	19.6
General Hospital	Cornwall	668	574	12,506	13,080	19.5
Hotel Dieu Hospital	"	1,155	854	14,440	15,294	12.4
Haldimand Co. Memorial Hospital	Dunnville	160	.....	1,368	1,368	8.5
Royal Alexandra Hospital	Fergus	360	316	8,130	8,446	23.5
McKellar General Hospital	Fort William	3,612	2,838	33,208	36,046	10.0
General Hospital	Galt	1,286	2,545	16,541	19,086	14.8
General and Marine Hospital	Goderich	211	301	2,270	2,571	12.2
Muskoka Cottage Sanitarium	Gravenhurst	244	.....	27,538	27,538	112.8
Muskoka Free Hospital for Consum	"	769	.....	87,747	87,747	114.1
General Hospital	Guelph	1,678	1,643	22,878	24,521	14.6
St. Joseph's Hospital	"	1,009	1,261	13,333	14,594	14.5
City Hospital	Hamilton	8,860	11,294	122,783	134,077	15.2
St. Joseph's Hospital	"	2,710	2,025	31,821	33,846	12.5
Mountain Sanitarium	"	337	.....	59,401	59,401	176.2
Providence Hospital	Haileybury	1,042	441	12,022	12,463	11.9
General Hospital	Ingersoll	279	528	3,620	4,148	14.9
General Hospital	Kenora	284	344	4,868	5,212	18.4
St. Joseph's Hospital	"	311	156	7,639	7,795	25.1
General Hospital	Kincardine	318	392	2,350	2,752	8.6
General Hospital	Kingston	3,807	805	57,680	58,485	15.3
Hotel Dieu Hospital	"	2,297	1,622	34,290	35,912	15.6
Essex Health Association	Kingsville	77	.....	8,601	8,601	111.7
Kitchener and Waterloo Hospital	Kitchener	1,407	1,471	13,893	15,364	10.9
General Hospital	London	4,801	3,690	82,602	86,292	18.0
St. Joseph's Hospital	"	2,635	3,308	37,153	40,461	15.4
Queen Alexandra Sanitarium	"	707	.....	24,339	24,339	34.4
Victoria Home for Incurables	"	78	.....	20,274	20,274	259.7
Bethesda Hospital	"	785	553	6,706	7,259	9.2
Ross Memorial Hospital	Lindsay	677	786	8,312	9,098	13.4
Listowel Memorial Hospital	Listowel	178	.....	1,425	1,425	8.0
General Hospital	Mattawa	330	.....	6,824	6,824	20.7
General Hospital	Midland	418	396	3,276	3,276	8.8
Lady Minto Hospital	New Liskeard	321	374	5,571	5,945	18.5
Queen Victoria Hospital	Niagara Falls	781	1,223	8,802	10,025	12.8
General Hospital	North Bay	591	609	6,473	7,082	12.0
General Hospital	Orangeville	200	282	2,797	3,079	15.4
General Hospital	Orillia	785	.....	9,558	9,558	12.2
General Protestant Hospital	Oshawa	1,158	1,997	10,819	12,618	11.1
Roman Catholic Hospital	Ottawa	3,261	705	48,399	49,104	15.1
Maternity Hospital	"	4,243	930	61,184	62,114	14.7
Misericordia Maternity Hospital	"	1,404	8,081	8,711	16,792	11.9
Perley Home for Incurables	"	847	15,327	23,865	39,192	46.2
Royal Sanitarium	"	63	.....	16,578	16,578	263.1
St. Luke's General Hospital	"	170	.....	21,326	21,326	125.0
General and Marine Hospital	"	2,523	.....	44,398	44,398	13.6
General Hospital	Owen Sound	967	1,501	15,268	16,769	17.3
St. Joseph's Hospital	Parry Sound	327	223	4,934	5,157	15.8
General Hospital	"	367	732	4,979	5,711	15.5
The Cottage Hospital	Pembroke	1,066	715	17,727	18,442	17.3
General Hospital	"	427	394	5,611	6,005	14.0
Nicholls' Hospital	Penetanguishene	187	291	1,606	1,897	10.0
St. Joseph's Hospital	Peterborough	1,528	2,194	17,995	20,189	13.2
C. E. Englehart Hospital	"	861	630	8,905	9,535	11.1
Prince Edward Co. Hospital	Petrolea	296	590	5,154	5,744	19.4
Railway, Marine and General Hosp.	Picton	286	351	2,060	2,411	8.4
St. Joseph's Hospital	Port Arthur	959	919	13,599	14,518	15.2
General Hospital	"	1,373	403	17,758	18,161	13.2
Victoria General Hospital	Port Hope	327	605	4,290	4,895	15.0
General and Marine Hospital	Renfrew	667	1,319	8,110	9,429	14.1
Consumptive Sanitarium	St. Catharines	1,522	4,045	14,690	18,735	12.3
Amasa Wood Hospital	"	31	.....	1,884	1,884	60.8
General Hospital	St. Thomas	1,282	2,495	14,394	16889	13.2
General Hospital	Sarnia	919	1,439	10,463	11,902	13.0
	Sault Ste. Marie	1,183	10	19,253	19,263	16.5

TABLE II.—Showing the collective stay in days of the adult and infant patients, also the average length of time each patient was under treatment.—*Concluded.*

Hospitals.	Location.	No. of patients, including infants born.	Collective stay of infants under one year of age.	Collective stay of adult patients.	Total collective stay of adults and infants.	Average stay of each patient including infants
Royal Victoria Hospital	Sault Ste Marie	395	.....	3,941	3,941	10.0
Public Hospital	Smith's Falls	640	945	7,677	8,622	13.5
St. Francis' Hospital	"	603	741	7,965	8,706	14.4
General Hospital	Stratford	936	1,525	10,395	11,920	12.7
General Hospital	Strathroy	233	311	3,238	3,549	15.2
St. Joseph's Hospital	Sudbury	2,281	1,095	33,516	34,611	15.1
General Hospital	Toronto	12,116	1,567	198,888	200,485	16.5
Grace Hospital	"	2,992	352	36,549	36,901	12.3
Hospital for Sick Children	"	4,983	.....	84,902	84,902	15.0
Orthopedic Hospital	"	427	.....	8,168	8,168	19.0
The Preventorium	"	108	.....	15,118	15,118	140.0
St. John's Hospital	"	828	7	12,784	12,791	15.4
St. Michael's Hospital	"	5,283	408	93,392	93,800	17.7
Toronto Hospital for Incurables	"	293	.....	77,662	77,662	265.0
Salvation Army Women's Hospital	"	849	6,375	11,710	18,085	21.3
Wellesley Hospital	"	2,436	3,180	29,173	32,353	13.3
Western Hospital	"	4,837	265	62,760	63,025	13.0
Women's College Hospital	"	1,404	5,336	11,632	16,968	12.1
Home for Incurable Children	"	37	.....	10,357	10,357	279.9
General Hospital	Walkerton	303	148	7,885	8,033	26.5
General Hospital	Welland	895	451	7,861	8,312	9.3
Toronto Free Hosp. for Consumptiv King Edward Sanitarium Queen Mary Hospital for Children	Weston	622	.....	99,271	99,271	159.6
Hotel Dieu Hospital	Windsor	3,025	2,581	30,372	32,953	10.9
General Hospital	Wingham	228	152	2,457	2,609	11.4
General Hospital	Woodstock	731	971	8,573	9,544	13.1
Totals for 1920	.....	133,975	127,667	2,295,541	2,423,208	18.1
Totals for 1919	.....	128,452	121,301	2,163,899	2,285,200	17.7

TABLE III.—Showing the deductions which have to be made from the collective stay of patients for the protracted residence of incurables, lying-in cases, etc. For persons coming within these classes only ten cents per day is allowed.

Hospitals.	Location	Collective days' stay, exclusive of infants under one year of age.	Deduct for incurables and in cases for which only Refuge rate is allowed. also deduct the days' stay of patients who paid over $10.50 per week.	No. of days' stay for which hospital allowance is made.
Victoria Hospital	Almonte	2,503	1,375	1,128
Royal Victoria Hospital	Barrie	20,009	4,584	15,425
General Hospital	Belleville	13,655	11,005	2,650
General Hospital	Bowmanville	4,163	350	3,813
General Hospital	Brantford	36,731	15,123	21,608
Brant Sanitarium	"	7,807	.....	7,807
General Hospital	Brockville	15,287	8,945	6,342
St. Vincent de Paul Hospital	"	19,457	11,151	8,306
Lady Minto Hospital	Chapleau	3,560	840	2,720
General Hospital	Chatham	15,152	13,448	1,704
St. Joseph's Hospital	"	12,459	9,480	2,979
General Hospital	Clinton	1,380	43	1,337
Cottage Hospital	Cobourg	3,741	150	3,591
Lady Minto Hospital	Cochrane	6,457	1,071	5,386
General and Marine Hospital	Collingwood	9,931	7,361	2,570
General Hospital	Cornwall	12,506	7,642	4,864
Hotel Dieu Hospital	"	14,440	4,228	10,212
Haldimand Co. Memorial Hospital	Dunnville	1,368	.....	1,368
Royal Alexandra Hospital	Fergus	8,130	6,897	1,233
McKellar General Hospital	Fort William	33,208	16,848	16,360
General Hospital	Galt	16,541	10,998	5,543
General and Marine Hospital	Goderich	2,270	1,726	544
Muskoka Cottage Sanitarium	Gravenhurst	27,538	.....	27,538
Muskoka Free Hosp. for Cons.	"	87,747	.....	87,747
General Hospital	Guelph	22,878	9,489	13,389
St. Joseph's Hospital	"	13,333	7,021	6,312
City Hospital	Hamilton	122,783	71,770	51,013
St. Joseph's Hospital	"	31,821	16,168	15,653
Mountain Sanitarium	"	59,401	.....	59,401
Providence Hospital	Haileybury	12,022	1,202	10,820
General Hospital	Ingersoll	3,620	210	3,410
General Hospital	Kenora	4,868	3,777	1,091
St. Joseph's Hospital	"	7,639	4,268	3,371
General Hospital	Kincardine	2,359	209	2,150
General Hospital	Kingston	57,680	35,692	21,988
Hotel Dieu Hospital	"	34,290	14,971	19,319
Essex Health Association	Kingsville	8,601	.....	8,601
Kitchener and Waterloo Hospital	Kitchener	13,893	10,870	3,023
General Hospital	London	82,602	44,980	37,622
St. Joseph's Hospital	"	37,153	32,578	4,575
Queen Alexandra Sanitarium	"	24,339	.....	24,339
Victoria Home for Incurables	"	20,274	.....	20,274
Bethesda Hospital	"	6,706	70	6,636
Ross Memorial Hospital	Lindsay	8,312	5,036	3,276
Listowel Memorial Hospital	Listowel	1,425	38	1,387
General Hospital	Mattawa	6,824	545	6,279
General Hospital	Midland	3,276	1,352	1,924
Lady Minto Hospital	New Liskeard	5,571	3,437	2,134
General Hospital	Niagara Falls	8,802	3,873	4,929
Queen Victoria Hospital	North Bay	6,473	2,622	3,851
General Hospital	Orangeville	2,797	397	2,400
General Hospital	Orillia	9,558	4,773	4,785
General Hospital	Oshawa	10,819	52	10,767
General Protestant Hospital	Ottawa	48,399	33,888	14,511
Roman Catholic Hospital	"	61,184	35,239	25,945
Maternity Hospital	"	8,711	6,948	1,763
Misericordia Maternity Hospital	"	23,865	20,442	3,423
Perley Home for Incurables	"	16,579	.....	16,579
Royal Sanitarium	"	21,320	.....	21,320
St. Luke's General Hospital	"	44,398	36,232	8,166
General and Marine Hospital	Owen Sound	15,268	10,887	4,381
General Hospital	Parry Sound	4,934	2,617	2,317
St. Joseph's Hospital	"	4,979	381	4,598
General Hospital	Pembroke	17,727	4,639	13 088
The Cottage Hospital	"	5,611	2,104	3,507
General Hospital	Penetanguishene	1,606	104	1,502
Nicholls' Hospital	Peterborough	17,995	12,128	5,867
St. Joseph's Hospital	"	8,905	4,157	4,748
Prince Edward County Hospital	Petrolea	5,154	964	4,190
C. E. Englehart Hospital	Picton	2,060	21	2,039
Railway, Marine and Gen. Hosp.	Port Arthur	13,599	7,609	5,990
St. Joseph's Hospital	Port Arthur	17,758	8,388	9,370
General Hospital	Port Hope	4,290	195	4,095
Victoria General Hospital	Renfrew	8,110	4,644	3,466
General and Marine Hospital	St. Catharines	14,690	11,155	3,535
Consumptive Sanitarium	"	1,884	.....	1,884
Amasa Wood Hospital	St. Thomas	14,394	7,537	6,857

TABLE III.—Showing the deductions which have to be made from the collective stay of patients for the protracted residence of incurables, lying-in cases, etc. For persons coming within these classes only seven cents per day is allowed.—*Concluded.*

Hospitals	Location	Collective days' stay, exclusive of infants under one year of age.	Deduct for incurables and lying-in cases for which only Refuge rate is allowed, also deduct the days stay of patients who paid over $10.50 per week	No. of days' stay for which hospital allowance is made.
General Hospital	Sarnia	10,463	8,210	2,253
General Hospital	Sault Ste Marie	19,253	11,600	7,653
Royal Victoria Hospital	"	3,941	97	3,844
Public Hospital	Smiths Falls	7,677	504	7,173
St. Francis Hospital	"	7,965	3,465	4,500
General Hospital	Stratford	10,395	7,036	3,359
General Hospital	Strathroy	3,238	102	3,136
St. Joseph's Hospital	Sudbury	33,516	9,688	23,828
General Hospital	Toronto	198,888	85,437	113,451
Grace Hospital	"	36,549	16,139	20,410
Hospital for Sick Children	"	84,902	17,429	67,473
Orthopedic Hospital	"	8,168	6,289	1,879
The Preventorium	"	15,118	.....	15,118
St. John's Hospital	"	12,784	1,211	11,573
St. Michael's Hospital	"	93,392	31,657	61,735
Toronto Hospital for Incuracles	"	77,662	.....	77,662
Salvation Army Womens Hospital	"	11,710	3,190	8,520
Wellesley Hospital	"	29,173	28,961	212
Western Hospital	"	62,760	28,122	34,638
Woman's College Hospital	"	11,632	223	11,409
Home for Incurable Children	"	10,357	.....	10,357
General Hospital	Walkerton	7,885	6,319	1,566
General Hospital	Welland	7,861	3,112	4,749
Toronto Free Hospital for Consumptives King Edward Sanitarium Queen Mary Hospital for Children	Weston	99,271	.....	99,271
Hotel Dieu Hospital	Windsor	30,372	25,019	5,353
General Hospital	Wingham	2,457	2,231	226
General Hospital	Woodstock	8,573	6,884	1,688
Total for 1920		2,295,541	921,869	1,373,672
Total for 1919		2,163,899	914,860	1,249,039

TABLE IV.—Relative to income of Hospitals.

Hospitals.	Location.	Amount received from municipalities as a grant in aid of patients' maintenance.	Amount received from patients for board.	Amount received as income from property or investments belonging to hospital.	Subscriptions and donations of private individuals and incidental receipts.	Total receipts from all sources other than the Government grant.
		$ c.	$ c.	$ c.	$ c.	$ c.
Victoria Hospital	Almonte	510 00	4,500 60	544 74	3,572 83	9,128 17
Royal Victoria Hospital	Barrie	850 00	23,396 25	879 00	142 19	25,267 44
General Hospital	Belleville	3,025 00	30,511 15	199 60	3,442 48	37,178 23
General Hospital	Bowmanville	1,750 00	11,940 90	152 00	480 03	14,322 93
General Hospital	Brantford	41,754 72	50,605 86	435 27	3,252 44	96,048 29
Brant Sanitarium	"	15,021 82	1,861 57	.....	3,593 58	20,476 97
General Hospital	Brockville	2,000 00	28,268 16	1,731 77	2,272 50	34,272 43
St. Vincent de Paul Hospital	"	2607 25	32,807 17	.....	4,229 71	39,644 13
Lady Minto Hospital	Chapleau	150 00	5,207 60	.....	3,671 88	9,029 48
General Hospital	Chatham	1,881 50	39,618 01	27 50	119 39	41,646 40
St. Joseph's Hospital	"	716 70	31,017 71	.....	2,468 36	34,202 77
General Hospital	Clinton	.....	3,813 34	.....	643 15	4,456 49
Cottage Hospital	Cobourg	1,579 25	8,618 62	.....	902 95	11,100 82
Lady Minto Hospital	Cochrane	558 65	6,963 01	.....	6,138 70	13,660 36
General and Marine Hosp.	Collingwood	1,550 00	17,245 38	.....	958 83	19,754 21
General Hospital	Cornwall	2,500 00	21,186 85	1,454 56	3,350 94	28,492 35
Hotel Dieu Hospital	"	2,600 00	13,672 91	2,000 00	8,190 86	26,463 77
Haldimand Co. Mem. Hosp.	Dunnville	834 73	5,156 35	.....	1,740 86	7,731 94
Royal Alexandra Hospital	Fergus	1,557 00	15,679 64	.....	1,288 09	18,524 73
McKellar General Hospital	Fort William	21,775 97	61,710 37	.....	11,932 05	95,418 39
General Hospital	Galt	8,850 00	26,586 36	473 00	731 13	36,640 49
Gen. and Marine Hospital	Goderich	1,600 00	4,965 51	14 50	1,364 76	7,944 77
Muskoka Cott. Sanitarium	Gravenhurst	.....	53,068 27	2,147 88	77,265 75	132,481 90
Muskoka Free Hos. for Con.	"	59,020 20	22,193 83	11,761 19	55,373 09	149,341 31
General Hospital	Guelph	9,649 65	48,235 21	.....	24,719 02	82,603 88
St. Joseph's Hospital	"	3,740 50	24,653 99	.....	863 00	29,257 49
City Hospital	Hamilton	200,807 25	161,370 17	.....	.....	362,177 42
St. Joseph's Hospital	"	2,734 00	68,624 52	.....	2,100 50	73,459 02
Mountain Sanitarium	"	41,198 00	15,508 20	264 68	.....	56,970 88
Providence Hospital	Haileybury	2,737 37	39,320 29	115 65	4,773 23	46,946 54
General Hospital	Ingersoll	1,500 00	7,197 75	387 50	5,920 89	15,006 14
General Hospital	Kenora	3,008 75	4,691 17	.....	584 00	8,283 92
St. Joseph's Hospital	"	858 75	6,936 01	1,566 35	1,082 83	10,443 94
General Hospital	Kincardine	862 00	5,385 13	.....	956 00	7,203 13
General Hospital	Kingston	17,065 00	89,666 35	.....	7,909 84	114,641 19
Hotel Dieu Hospital	"	7,325 00	45,489 80	444 22	16,795 48	70,054 50
Essex Health Association	Kingsville	5,317 13	7,251 35	.....	3,077 15	15,645 63
Kitchener & Waterloo Hosp.	Kitchener	10,500 00	30,392 85	375 90	735 51	42,004 26
General Hospital	London	133,444 27	144,482 95	537 53	3,785 00	282,249 75
St. Joseph's Hospital	"	1,423 75	101,768 43	.....	.....	103,192 18
Queen Alexandra Sanitarium	"	22,873 75	10,969 05	2,826 83	151,990 12	188,659 75
Victoria Home for Incurables	"	2,021 20	16,227 70	831 49	3,507 00	22,587 39
Bethesda Hospital	"	500 00	17,538 05	.....	6,291 27	24,329 32
Rose Memorial Hospital	Lindsay	1,700 00	15,438 20	2,450 33	3,461 41	23,049 94
Listowel Memorial Hosp.	Listowel	3,500 00	4,478 01	.....	1,569 47	9,547 48
General Hospital	Mattawa	100 00	3,984 00	1,100 00	165 00	5,349 00
General Hospital	Midland	800 00	8,834 20	.....	288 15	9,922 35
Lady Minto Hospital	New Liskeard	200 00	8,730 76	.....	1,951 18	10,881 94
General Hospital	Niagara Falls	5000, 00	21,576 61	.....	1,874 39	28,451 00
Queen Victoria Hospital	North Bay	2,037 25	13,012 20	.....	3,125 93	18,175 38
General Hospital	Orangeville	700 00	7,012 63	.....	404 01	8,116 64
General Hospital	Orillia	1,000 00	15,722 22	195 25	70 00	16,987 47
General Hospital	Oshawa	1,837 85	27,351 29	.....	.....	29,189 14
General Protestant Hospital	Ottawa	21,823 05	119,764 93	.....	5,938 60	147,526 58
Roman Catholic Hospital	"	30,187 39	104,168 06	.....	10,736 63	145,092 08
Maternity Hospital	"	2,300 00	31,502 15	.....	653 35	34,455 50
Misericordia Maternity Hos.	"	1,612 50	6,563 45	774 95	20,798 13	29,749 03
Perley Home for Incurables	"	2,750 00	5,499 25	1,784 65	1,778 00	11,811 90
Royal Sanitarium	"	37,454 24	3,319 80	.....	6 43	40,780 47
St. Luke's General Hospital	"	9,513 00	107,704 54	253 13	5,116 56	122,583 23
General and Marine Hosp.	Owen Sound	1,100 00	27,517 04	143 00	2,508 12	31,268 16
General Hospital	Parry Sound	.....	10,392 36	.....	110 45	10,502 81
St. Joseph's Hospital	"	103 75	7,299 82	.....	528 13	7,931 70
General Hospital	Pembroke	2,277 73	19,712 62	284 00	705 00	22,979 35
The Cottage Hospital	"	1,686 06	0,029 48	251 00	4,670 43	16,636 97
General Hospital	Penetanguishen	1,000 00	12,832 86	.....	3,130 52	6,963 38
Nicholls' Hospital	Peterborough	4,573 00	37,825 01	11,361 14	24 50	53,783 65
St. Joseph's Hospital	"	.....	18,066 00	.....	50 29	18,116 29
C. E. Englehart Hospital	Petrolea	3,000 00	9,504 02	.....	3,258 86	15,762 88
Prince Edward Co. Hosp.	Picton	47 50	5,294 75	24 75	8,292 61	13,659 61
Ry., Marine & Gen. Hosp.	Port Arthur	4,566 93	27,308 54	248 57	2,594 51	34,718 55
St. Joseph's Hospital	"	4,819 18	33,058 97	.....	3,151 00	41,029 15
General Hospital	Port Hope	1,450 00	19,365 35	829 12	754 38	12,398 85
Victoria General Hospital	Renfrew	3,500 00	13,046 55	.....	438 70	16,985 25
General and Marine Hospital	St. Catharines	9,142 75	35,409 67	591 81	5,317 72	50,461 95
Consumptive Sanatorium	"	1,848 00	686 25	120 00	1,952 63	4,606 88
Amasa Wood Hospital	St. Thomas	5,776 55	30,999 70	293 96	8 05	37,078 26
General Hospital	Sarnia	5,000 00	28,890 89	1,651 65	2,035 63	37,578 17
General Hospital	S. Ste. Marie	815 21	31,711 28	.....	3,006 80	35,533 29

TABLE IV.—Relative to income of Hospitals.—*Concluded.*

Hospitals.	Location.	Amount received from municipalities as a grant and for patients' maintenance.	Amount received from patients for board.	Amount received as income from property or investments belonging to hospital.	Subscriptions and donations of private individuals and incidental receipts.	Total receipts from all sources other than the Government Grant.
Royal Victoria Hospital....	S. Ste. Marie	352 50	6,396 71	385 00	11,293 19	18,427 40
Public Hospital	Smith's Falls.	1,450 00	18,642 42	1,536 43	5,656 55	27,285 40
St. Francis Hospital	"	900 00	11,447 11	.....	5,138 36	17,485 47
General Hospital	Stratford.....	5,135 00	28,847 81	69 02	4,920 45	38,972 28
General Hospital	Strathroy.....	1,799 75	11,633 26	.....	1,280 20	14,713 21
St. Joseph's Hospital	Sudbury.....	1,547 25	64,203 55	1,061 00	6,733 21	73,545 01
General Hospital	Toronto.....	93,273 88	582,015 15	75,901 86	45,189 59	796,380 48
Grace Hospital	"	28,060 56	89,495 90	2,726 03	22,244 78	142,527 27
Hospital for Sick Children.	"	135,258 59	49,309 32	1,926 00	110,866 72	297,360 63
Orthopedic Hospital	"	.....	22,964 09	.....	24,026 33	46,990 42
The Preventorium	"	11,723 90	.....	1,131 81	288 00	13,143 71
St. John's Hospital	"	1,775 00	51,738 33	140 75	7,273 85	60,927 93
St. Michael's Hospital	"	56,255 74	146,422 38	.....	9,354 65	212,032 77
Toronto Hos. for Incurables.	"	77,321 25	21,898 89	3,488 30	29,792 99	132,501 43
Salvation Army Women's H	"	.....	14,002 35	.....	1,670 48	15,672 83
Wellesley Hospital	"	70 00	194,512 95	.....	.....	194,582 95
Western Hospital	"	31,745 72	143,447 26	.....	22,980 23	198,173 21
Women's College Hospital.	"	3,435 00	34,704 05	.....	4,570 16	42,709 21
Home for Incurable Children	"	1,395 50	1,710 00	1,505 71	10,206 13	14,817 34
General Hospital	Walkerton....	2,245 00	9,297 14	39 22	1,173 46	12,754 82
General Hospital	Welland.....	2,000 00	19,070 00	.....	5,520 84	26,590 84
Toronto Free Hos. for Con.. King Edward Sanitarium. Queen Mary Hos. for Child'n.	Weston.....	110,468 45	6,740 50	3,903 85	32,718 01	153,830 81
Hotel Dieu Hospital	Windsor.....	1,523 52	58,135 01	.....	11,780 44	71,438 97
General Hospital	Wingham.....	1,200 00	8,725 57	.....	491 10	10,416 67
General Hospital	Woodstock....	3,500 00	20,918 06	1,254 19	4,471 76	30,144 01
Totals for 1920	.....	1,385,910 71	3,847,191 66	146,597 64	912,334 44	6,292,034 45
Totals for 1919	.....	1,199,191 45	2,953,944 58	125,842 94	950,963 05	5,229,942 04

TABLE V.—Showing the basis on

Hospitals.	Location.	Collective days' stay upon which Hospital grants are based.	Amount of grant for proper Hospital cases at 50 cents per day
Rosamond Memorial Hospital	Almonte	861	258 30
Royal Victoria Hospital	Barrie	8,633	2,589 90
General Hospital	Belleville	2,006	601 80
General Hospital	Bowmanville	2,919	875 70
General Hospital	Brantford	17,048	5,114 40
General Hospital	Brockville	4,321	1,296 30
St. Vincent de Paul Hospital	"	5,637	1,691 10
Lady Minto Hospital	Chapleau	2,249	674 70
General Hospital	Chatham	1,562	468 60
St. Joseph's Hospital	"	2,294	688 20
Public Hospital	Clinton	1,015	304 50
Cottage Hospital	Cobourg	2,507	752 10
Lady Minto Hospital	Cochrane	4,505	1,351 50
General and Marine Hospital	Collingwood	1,500	450 00
General Hospital	Cornwall	3,668	1,100 40
Hotel Dieu Hospital	"	7,969	2,390 70
Haldimand Co. Memorial Hospital	Dunnville	907	272 10
Royal Alexandra Hospital	Fergus	1,124	337 20
McKellar General Hospital	Fort William	12,980	3,894 00
General Hospital	Galt	4,273	1,281 90
General and Marine Hospital	Goderich	327	98 10
General Hospital	Guelph	10,260	3,078 00
St. Joseph's Hospital	"	4,533	1,359 90
City Hospital	Hamilton	51,846	15,553 80
St. Joseph's Hospital	"	12,055	3,616 50
Providence Hospital	Haileybury	8,398	2,319 40
General Hospital	Ingersoll	2,680	804 00
General Hospital	Kenora	742	222 60
St. Joseph's Hospital	"	2,534	760 20
General Hospital	Kincardine	1,609	482 70
General Hospital	Kingston	15,603	4,680 90
Hotel Dieu Hospital	"	14,686	4,405 80
Kitchener and Waterloo Hospital	Kitchener	2,458	737 40
Ross Memorial Hospital	Lindsay	2,385	715 50
Listowel Memorial Hospital	Listowel	697	209 10
General Hospital	London	28,354	8,506 20
St. Joseph's Hospital	"	3,338	1,001 40
Bethesda Hospital	"	5,225	1,567 50
Victoria Home for Incurables	"	15,076	4,522 80
General Hospital	Mattawa	5,177	1,553 10
General Hospital	Midland	1,303	390 90
Lady Minto Hospital	New Liskeard	1,836	5,508 80
General Hospital	Niagara Falls	3,795	1,138 50
Queen Victoria Hospital	North Bay	3,404	1,021 20
General Hospital	Orangeville	1,884	565 20
General Hospital	Orillia	3,325	997 50
General Hospital	Oshawa	8,087	2,426 10
General Protestant Hospital	Ottawa	10,488	3,146 40
Roman Catholic Hospital	"	18,454	5,536 20
Maternity Hospital	"	1,493	447 90
Misericordia Maternity Hospital	"	2,230	669 00
St. Luke's General Hospital	"	6,862	2,058 60
Perley Home for Incurables	"	12,429	3,728 70
General and Marine Hospital	"	3,199	959 70
General Hospital	Owen Sound	2,050	615 00
St. Joseph's Hospital	Parry Sound	3,435	1,030 50
General Hospital	"	9 912	2,973 60
Cottage Hospital	Pembroke	2,630	789 00
	"	372,777	111,833 10

which statutory aid is granted.

Collective days' stay upon which Hospital grants are based.	Amount of grant for proper Hospital cases at 50 cents per day.	Collective days' stay upon which Refuge rate is based.	Computation of 7 cents per day being Refuge rate in improper cases for Hospital treatment.	Collective days' stay upon which Refuge rate is based.	Computation of 10 cents per day being Refuge rate in improper cases for Hospital treatment.	Collective days' stay of indigent patients in unorganized Districts.	Amount of grant at $1.25 per day.	Collective days' stay of indigent patients in unorganized Districts.	Amount of grant at $1.50 per day.	Amount payable to each Hospital from appropriation by the Legislature of 1920.
267	133 50	84	5 88							397 68
6,792	3,396 00	89	6 23	9	90					5,993 03
644	322 00	541	37 87							961 67
894	447 00	349	24 43	1	10					1,347 23
4,560	2,280 00	3,240	226,80	31	3 10					7,624 30
2,021	1,010 50	1,129	79 03	160	16 00					2,401 83
2,669	1,334 50	781	54 67	471	47 10					3,127 37
471	235 50	478	33 46			362	452 50			1,396 16
142	71 00	842	58 94							598 54
685	342 50	433	30 31							1,061 01
322	161 00	43	3 01							468 51
1,084	542 00	127	8 89	23	2 30					1,305 29
881	440 50	306	21 42			722	902 50	43	64 50	2,780 42
1,070	535 00	120	8 40	368	36 80					1,030 20
1,196	598 00	2,485	173 95	15	1 50					1,873 85
2,243	1,121 50	1,501	105 07							3,617 27
461	230 50									502 60
109	54 50	2,362	165 34							557 04
3,380	1,690 00	3,686	258 02	128	12 80	808	1,010 00	394	591 00	7,455 82
1,270	635 00	907	63 49							1,980 39
217	108 50	32	2 24							208 84
3,129	1,564 50	864	60 48	203	20 30					4,723 28
1,779	889 50	538	37 66							2,287 06
19,924	9,962 00	9,400	1,358 00	680	68 00					26,941 80
3,598	1,799 00	1,022	71 54	176	17 60					5,504 64
2,422	1,211 00	870	60 90			207	258 75	125	187 50	4,237 55
730	365 00	210	14 70							1,183 70
349	174 50	700	49 00			1,358	1,697 50	2	3 00	2,146 60
837	418 50	1,386	97 02			1,511	1,888 75	153	229 50	3,393 97
541	270 50	130	910	79	7 90					770 20
6,385	3,192 50	10,533	737 31	1,274	127 40					8,738 11
4,633	2,316 50	1,535	107 45	655	65 50					6,895 25
565	282 50	328	22 96	380	38 00					1,080 86
891	445 50	320	22 40							1,183 40
690	345 00	38	2 66							556 76
9,268	4,634 00	15,534	1,087 38	345	34 50					14,262 08
1,237	618 50	746	52 22	210	21 00					1,693 12
1,411	705 50	70	4 90							2,277 90
5,198	2,599 00									7,121 80
1,102	551 00	83	5 81			145	181 25	95	142 50	2,433 66
621	310 50	104	7 28							708 68
298	149 00	732	51 24	123	12 30	64	80 00	46	69 00	912 34
1,134	567 00	187	13 09							1,718 59
447	223 50	19	1 33			55	68 75			1,314 78
516	258 00	397	27 79							850 99
1,460	730 00	1,105	77 35	140	14 00					1,818 85
2,680	1,340 00	52	3 64							3,769 74
4,023	2,011 50	3,897	272 79	244	24 40					5,455 09
7,491	3,745 50	6,340	443 80	309	30 90					9,756 40
270	135 00									582 90
1,193	596 50	8,277	579 39	3,943	394 30					2,239 19
1,304	652 00	1,681	117 67							2,828 27
4,150	2,075 00									5,803 70
1,182	591 00	705	49 35	1,661	166 10					1,766 15
267	133 50	246	17 22	160	16 00	322	402 50			1,184 22
1,163	581 50	259	18 13			46	57 50	76	114 00	1,801 63
3,176	1,588 00	1,173	82 11	134	13 40					4,657 11
877	438 50	282	19 74							1,247 24
128,319	64,159 50	99,298	6,950 86	11,922	1192 20	5,600	7,000 00	934	1,401 00	192,536 66

TABLE V.—Showing the basis on

Hospitals	Location	Collective days' stay upon which Hospital grants are based.	Amount of grant for proper Hospital cases, 30c. per day.
General Hospital	Penetanguishene	1,038	311 40
Nicholls Hospital	Peterborough	4,427	1,328 10
St. Joseph's Hospital	Peterborough	3,799	1,139 70
C. E. Engleheart Hospital	Petrolea	2,693	807 90
Prince Edward County Hospital	Picton	1,543	462 90
Railway, Marine & General Hospital	Port Arthur	4,557	1,367 10
St. Joseph's Hospital	Port Arthur	6,792	2,037 60
General Hospital	Port Hope	3,029	908 70
Victoria General Hospital	Renfrew	2,451	735 30
General and Marine Hospital	St. Catharines	2,862	858 60
Amasa Wood Hospital	St. Thomas	5,564	1,669 20
General Hospital	Sarnia	1,935	580 50
General Hospital	Sault Ste. Marie	4,936	1,480 80
Royal Victoria Hospital	Sault Ste. Marie	2,999	899 70
Public Hospital	Smith's Falls	5,923	1,776 90
St. Frances Hospital	Smith's Falls	3,264	979 20
General Hospital	Stratford	2,421	726 30
General Hospital	Strathroy	2,194	658 20
St. Joseph's Hospital	Sudbury	19,486	5,845 80
General Hospital	Toronto	85,419	25,625 70
Grace Hospital	"	16,123	4,836 90
Hospital for Sick Children	"	46,332	13,899 60
Orthopedic Hospital	"	1,624	487 20
St. John's Hospital	"	8,925	2,677 50
St. Michael's Hospital	"	46,840	14,052 00
Salvation Army Woman's Hospital	"	6,665	1,999 50
Wellesley Hospital	"	183	54 90
Western Hospital	"	26,561	7,878 30
Women's College Hospital	"	8,732	2,619 60
Toronto Hospital for Incurables	"	5,779	17,337 30
Home for Incurable Children	"	7,790	2,337 00
General Hospital	Walkerton	1,157	347 10
General Hospital	Welland	3,785	1,135 50
Hotel Dieu Hospital	Windsor	4,211	1,263 30
General Hospital	Wingham	114	34 20
General Hospital	Woodstock	1,167	550 10
Totals for 1920		777,809	233,342 70
Totals for 1919		894,569	260,370 70

Name of Institution	Location	Collective days' stay upon which grant of 50 cents per day is based	Amount of grants at 50 cents per day.	Collective days' stay upon which grant of 75 cents per day is based.	Amount of grant at 75 cents per day.	Total grants.
			$ c.		$ c.	$ c.
Brant Sanitarium	Brantford	5,607	2,803 50	2,200	1,650 00	4,453 50
Muskoka Free Hospital for Consumptives	Gravenhurst	66,757	33,378 50	20,990	15,742 50	49,121 00
Mountain Sanitarium	Hamilton	44,090	22,045 00	15,311	11,483 25	33,528 25
Essex Health Association	Kingsville	8,601	4,300 50			4,300 50
Queen Alexandra Sanitar'm	London	18,152	9,076 00	6,187	4,640 25	13,716 25
Royal Sanitarium	Ottawa	16,150	8,077 50	5,165	3,873 75	11,951 25
St. Catharines Consumptive Sanitarium	St. Catharines	1,477	738 50	407	305 25	1,043 75
The Preventorium	Toronto	12,648	6,324 00	2,470	1,852 50	8,176 50
Toronto Free Hospital for Consumptives / Queen Mary Hospital for Children	Weston	74,332	37,166 00	24,939	18,704 25	55,870 25
Totals for 1920		247,819	123,909 50	77,669	58,251 75	182,161 25
Totals for 1919		323,952	161,976 00			161,976 00

on which statutory aid is granted.—*Concluded.*

Collective days' stay upon which Hospital grants are based	Amount of grant for proper Hospital cases—50c. per day	Collective days' stay upon which Refuge rate is based	Computation of 7 cents per day being Refuge rate on improper cases for Hospital treatment	Collective days' stay upon which Refuge rate is based	Computation of 10 cents per day being Refuge rate on improper cases for Hospital treatment	Collective days' stay of Indigent patients in unorganized Districts	Amount of grant at $1.25 per day	Collective days' stay of Indigent patients in unorganized Districts	Amount of grant at $1.50 per day	Amount payable to each Hospital from appropriation by the Legislature of 1920
464	232 00	104	7 28	.....	.....	.....	.....	.....	.....	550 68
1,440	720 00	1,157	80 99	1	10	.....	.....	.....	.....	2,129 19
949	474 50	113	7 91	44	4 40	.....	.....	.....	.....	1,626 51
1,497	748 50	286	20 02	678	67 80	.....	.....	.....	.....	1,644 22
496	248 00	21	1 47	.....	.....	8	.....	.....	.....	712 37
1,433	716 50	734	51 38	.....	.....	677	847 50	231	346 50	3,328 98
2,578	1,289 00	1,235	86 45	390	39 00	15	196 25	53	79 50	3,727 80
1,066	533 00	31	2 17	164	16 40	.....	.....	.....	.....	1,460 27
1,015	507 50	454	31 78	.....	.....	.....	.....	.....	.....	1,274 58
673	336 50	582	40 74	.....	.....	.....	.....	.....	.....	1,235 84
1,293	646 50	4,091	76 37	729	7290	.....	.....	.....	.....	2,464 97
318	159 00	30	2 10	.....	.....	.....	.....	.....	.....	741 60
2,717	1,358 50	128	8 96	23	2 30	356	445 00	49	73 50	3,369 06
845	422 50	97	6 79	.....	.....	.....	.....	.....	.....	1,328 99
1,250	625 00	478	33 46	26	2 60	.....	.....	.....	.....	2,437 96
1,236	618 00	364	25 48	15	1 50	.....	.....	.....	.....	1,624 18
938	469 00	277	19 39	.....	.....	.....	.....	.....	.....	1,214 69
942	471 00	102	7 14	.....	.....	.....	.....	.....	.....	1,136 34
4,342	2,171 00	1,261	88 27	166	16 60	13 46	1,682 50	168	252	10,056 17
28,032	14,016 00	8,696	608 72	2,727	272 70	.....	.....	.....	.....	40,523 12
4,287	2,143 50	1,568	109 76	479	47 90	.....	.....	.....	.....	7,138 06
21,641	10,570 50	6,676	467 32	3,406	340 60	.....	.....	.....	.....	25,278 02
255	127 50	1,618	113 26	62	6 20	.....	.....	.....	.....	734 16
2,843	1,324 00	989	69 23	222	22 20	.....	.....	.....	.....	4,092 93
14,895	7,447 50	6,580	460 60	1,125	112 50	.....	.....	.....	.....	22,072 60
1,855	927 50	2,873	201 11	317	31 70	.....	.....	.....	.....	3,159 81
29	14 50	.....	.....	.....	.....	.....	.....	.....	.....	69 40
8,377	4,188 50	2,157	150 99	1,569	156 90	.....	.....	.....	.....	12,374 69
2,677	1,338 50	223	15 61	.....	.....	.....	.....	.....	.....	3,973 71
19,871	9,935 50	.....	.....	.....	.....	.....	.....	.....	.....	27,272 50
2,507	1,283 50	.....	.....	.....	.....	.....	.....	.....	.....	3,620 50
409	204 50	3,948	276 36	8	80	.....	.....	.....	.....	828 76
964	482 00	230	16 10	.....	.....	.....	.....	.....	.....	1,633 60
1,142	571 00	362	25 34	16	1 60	.....	.....	.....	.....	1,861 24
112	56 00	1	7	.....	.....	.....	.....	.....	.....	90 27
522	261 00	371	25 97	70	7 00	.....	.....	.....	.....	644 07
263,594	131,797 00	144,135	10,089 35	2,4159	2415 90	8,137	1,071 25	1,435	2,152 50	389,968 80
.....	.....	221,494	15,504 58	.....	.....	5,521	6,901 25	.....	.....	290,776 53

TABLE VI.—Showing the cost of maintaining the Hospitals, also the average daily cost per patient, etc.

Hospitals	Location.	Collective days stay exclusive of infants under one year old.	Cost of dietaries	Salaries, fuel, light, medicine, bedding and all other expenditure on maintenance account	Total expenditure	Average cost of each patient per day.	Average cost for dietaries for each patient
			$ c.	$ c.	$ c.	$ c.	$ c
Victoria Hospital	Almonte	2,503	1,756 82	7,795 57	9,552 39	3 80	70
Royal Victoria Hospital	Barrie	20,009	8,971 60	17,061 60	26,033 20	1 31	45
General Hospital	Belleville	13,655	10,174 16	23,529 20	33,703 36	2 47	74
General Hospital	Bowmanville	4,163	3,545 27	11,623 44	15,168 71	3 64	85
General Hospital	Brantford	36,731	26,606 95	78,835 41	105,442 36	2 84	72
Brant Sanitarium	"	7,807	6,481 35	13,371 10	19,852 45	2 54	83
General Hospital	Brockville	15,287	15,494 14	22,576 90	38,071 04	2 49	1 01
St. Vincent de Paul Hospital	"	19,457	20,136 92	21,979 89	42,116 81	2 16	1 03
Lady Minto Hospital	Chapleau	3,560	3,183 13	4,542 18	7,725 31	2 17	1 89
General Hospital	Chatham	15,152	15,835 29	26,792 98	42,628 27	2 81	1 04
St. Joseph's Hospital	"	12,459	12,633 35	21,186 65	33,820 00	2 71	1 01
General Hospital	Clinton	1,380	1,796 15	3,522 72	5,318 87	3 85	1 30
Cottage Hospital	Cobourg	3,741	3,680 44	8,774 20	12,454 64	3 33	98
Lady Minto Hospital	Cochrane	6,457	4,731 40	11,493 74	16,225 14	2 51	73
General and Marine Hospital	Collingwood	9,931	7,855 14	12,891 17	20,746 31	2 09	79
General Hospital	Cornwall	12,506	8,262 74	18,467 60	26,730 34	2 13	66
Hotel Dieu Hospital	"	14,440	13,836 43	16,203 46	30,039 89	2 08	96
Haldimand Co. Memorail Hosp.	Dunnville	1,368	1,555 73	6,176 21	7,731 94	6 55	1 14
Royal Alexandra Hospital	Fergus	8,130	6,497 74	12,381 96	18,879 70	2 32	80
McKellar General Hospital	Fort William	33,208	28,711 44	71,529 29	100,240 73	3 02	86
General Hospital	Galt	16,541	15,652 13	21,880 61	37,532 74	2 27	94
General and Marine Hospital	Goderich	2,270	2,101 25	5,927 41	8,028 66	3 54	92
Muskoka Cottage Sanitarium	Gravenhurst	27,538	62,969 35	80,879 16	143,848 51	5 22	2 28
Muskoka Free Hosp. for Con	"	87,747	92,418 57	163,188 99	255,607 56	2 91	1 05
General Hospital	Guelph	22,878	22,734 13	63,734 22	86,468 35	3 78	1 00
St. Joseph's Hospital	"	13,333	12,533 51	19,346 64	31,880 15	2 39	94
City Hospital	Hamilton	122,783	123,460 76	291,736 35	415,197 11	3 38	1 01
St. Joseph's Hospital	"	31,821	33,666 80	45,336 90	79,003 70	2 48	1 06
Mountain Sanitarium	"	59,401	43,101 31	58,700 10	101,801 41	1 71	73
Providence Hospital	Haileybury	12,022	13,440 84	25,426 11	38,866 95	3 23	1 12
General Hospital	Ingersoll	3,620	3,497 55	7,455 41	10,952 96	3 02	97
General Hospital	Kenora	4,868	3,904 75	7,149 18	11,053 93	2 27	80
St. Joseph's Hospital	"	7,639	4,506 43	5,422 28	9,928 71	1 30	59
General Hospital	Kincardine	2,359	1,150 05	5,853 66	7,003 71	2 97	49
General Hospital	Kingston	57,680	51,101 41	70,698 27	121,799 68	2 11	88
Hotel Dieu Hospital	"	34,290	35,553 80	44,485 85	80,039 65	2 33	1 03
Essex Health Association	Kingsville	8,601	8,124 33	17,565 63	25,689 96	2 98	94
Kitchener and Waterloo Hosp.	Kitchener	13,893	12,854 88	28,647 86	41,502 74	2 99	92
General Hospital	London	82,602	102,438 30	189,308 60	291,746 90	3 53	1 23
St. Joseph's Hospital	"	37,153	39,802 42	64,955 21	104,757 63	2 82	1 07
Queen Alexandra Sanitarium	" *	96,648	100,364 85	150,287 74	250,652 59	2 59	1 04
Victoria Home for Incurables	"	20,274	9,125 64	13,095 49	22,221 13	1 09	45
Bethesda Hospital	"	6,706	91,142 83	15,891 70	25,034 53	3 73	1 36
Ross Memorial Hospital	Lindsay	8,312	7,240 82	16,225 92	23,466 74	2 82	87
Listowel Memorial Hospital	Listowel	1,425	1,109 13	4,404 91	5,514 04	3 87	78
General Hospital	Mattawa	6,824	2,545 72	4,942 00	7,487 72	1 10	37
General Hospital	Midland	2,276	2,623 32	6,972 78	9,592 10	2 93	80
Lady Minto Hospital	New Liskeard	5,571	3,506 31	8,510 54	12,016 85	2 16	63
General Hospital	Niagara Falls	8,802	9,123 56	20,132 07	29,255 63	3 32	1 04
Queen Victoria Hospital	North Bay	6,473	6,069 76	13,202 54	19,272 30	2 98	94
General Hospital	Orangeville	2,797	3,217 94	4,997 13	8,215 07	2 94	1 15
General Hospital	Orillia	9,558	6,961 66	11,294 55	18,256 21	1 91	73
General Hospital	Oshawa	10,819	7,625 47	18,262 03	25,887 50	2 39	70
General Protestant Hospital	Ottawa	48,399	51,760 62	100,387 81	152,148 43	3 14	1 07
Roman Catholic Hospital	"	61,184	44,801 79	90,497 10	135,358 89	2 21	73
Maternity Hospital	"	8,711	9,109 88	22,966 66	32,070 54	3 68	1 05
Misericordia Maternity Hosp.	"	23,865	16,630 33	15,512 65	32,142 98	1 35	70
Perley Home for Incurables	"	16,579	5,777 86	12,318 51	18,096 37	1 09	35
Royal Sanitarium	"	21,320	12,354 51	39,093 46	51,447 97	2 41	58
St. Luke's General Hospital	"	44,398	494 15	78,201 63	123,095 78	2 77	1 01
General and Marine Hospital	Owen Sound	15,268	12,921 09	16,392 90	29,313 99	1 92	84
General Hospital	Parry Sound	4,934	4,125 06	7,412 80	11,537 86	2 34	83
St. Joseph's Hospital	"	4,979	3,934 17	4,489 85	8,424 02	1 69	79
General Hospital	Pembroke	17,727	8,378 35	17,920 99	26,299 34	1 48	47
The Cottage Hospital	"	5,611	4,896 17	10,793 91	15,695 08	2 80	87
General Hospital	Penetang	1,606	2,391 95	4,498 05	6,890 00	4 29	1 49
Nicholls' Hospital	Peterborough	17,995	16,318 19	40,754 66	57,072 85	3 17	91
St. Joseph's Hospital	"	8,905	6,554 31	13,229 93	19,784 24	2 22	74
C. E. Englehart Hospital	Petrolea	5,154	4,249 85	12,063 90	16,313 75	3 16	82
Prince Edward Co. Hospital	Picton	2,060	1,908 11	7,137 94	9,046 05	4 39	92
Railway, Marine and Gen. Hosp.	Port Arthur	13,599	11,622 34	24,920 77	36,543 11	2 69	85
St. Joseph's Hospital	"	17,758	14,465 83	32,198 42	46,664 25	2 63	81
General Hospital	Port Hope	4,290	3,700 60	9,310 18	13,010 78	3 03	86
Victoria General Hospital	Renfrew	8,110	6,884 68	12,676 98	19,561 66	2 41	66
General and Marine Hospital	St. Catharines	14,690	18,277 99	30,479 11	48,757 10	3 32	85
Consumptive Sanatorium	"	1,884	2,192 01	3,725 94	5,917 95	2 15	1 24
Amasa Wood Hospital	St. Thomas	14,394	11,552 26	26,951 42	38503 60	2 67	80

*This includes military patients.

TABLE VI.—Showing the cost of maintaining the Hospitals, also the average daily cost per patient, etc.—*Concluded.*

Hospitals.	Location	Collective days' stay, exclusive of infants under one year of age.	Cost of dietaries.	Salaries, fuel, light, medicine, bedding and all other expenditure on maintenance account.	Total expenditure for maintenance.	Average cost of each patient per day	Average cost for dietaries for each patient per day.
			$ c.	$ c.	$ c.	$ c.	$ c.
General Hospital	Sarnia	10,463	10,664 88	27,529 19	38,194 07	3 65	1 02
General Hospital	Sault Ste.Marie.	19,253	12,336 59	21,209 84	33,546 43	1 74	64
Royal Victoria Hospital	"	3,491	4,986 23	12,406 23	17,392 46	4 98	1 43
Public Hospital	Smith's Falls	7,677	8,286 97	20,579 01	28,865 98	3 76	1 08
St. Francis' Hospital	"	7,965	9,998 36	9,169 68	19,168 04	2 41	1 25
General Hospital	Stratford	10,395	12,491 24	25,940 07	38,431 31	3 70	1 20
General Hospital	Strathroy	3,238	4,949 80	9,445 62	14,405 42	4 45	1 53
St. Joseph's Hospital	Sudbury	33,516	29,068 76	42,173 49	71,242 25	3 12	87
General Hospital	Toronto	198,888	242,556 16	700,383 08	942,939 24	4 74	1 21
Grace Hospital	"	36,549	39,519 86	110,231 91	149,751 77	4 09	1 08
Hospital for Sick Children	"	84,902	65,357 70	293,131 97	358,489 67	4 22	77
Orthopedic Hospital	"	8,168	8,766 47	16,342 28	25,108 75	3 07	1 07
The Preventorium	"	15,118	7,344 60	15,596 84	22,941 44	1 52	48
St. John's Hospital	"	12,784	22,027 04	32,451 46	54,478 50	4 26	1 72
St. Michael's Hospital	"	93,392	93,520 52	148,818 69	242,339 21	2 59	1 00
Toronto Hospital for Incurables	"	77,662	53,294 83	98,103 78	151,398 61	1 95	69
Salvation Army Women's Hos.	"	11,710	4,608 57	10,365 83	14,974 40	1,28	39
Wellesley Hospital	"	29,173	64,438 39	136,637 87	201,076 26	6 89	2 17
Western Hospital	"	62,760	53,486 41	161,624 93	215,111 34	3 43	85
Women's College Hospital	"	11,632	12,964 58	29,158 31	42,122 89	3 62	1 11
Home for Incurable Children	"	10,357	5,972 47	11,735 11	17,707 58	1 71	58
General Hospital	Walkerton	7,885	4,100 90	9,640 62	13,741 52	1 74	52
General Hospital	Welland	7,881	7,265 71	18,192 56	25,458 27	3 23	92
Toronto Free Hosp. for Con. / King Edward Sanatorium / Queen Mary Hosp. for Children.	Weston	99,271	89,936 96	201,717 03	291,653 99	2 94	91
Hotel Dieu Hospital	Windsor	30,372	34,323 07	40,658 23	74,981 30	2 46	1 13
General Hospital	Wingham	2,457	2,513 16	7,947 31	10,460 47	4 26	1 02
General Hospital	Woodstock	8,573	11,772 62	17,992 09	29,764 71	3 47	1 37
Totals for 1920		2,367,420	2,291,730 72	4,779,780 71	7,071,511 43	2 99	97
Totals for 1919		2,236,017	1,840,143 95	3,868,746 58	5,708,809 53	2 55	82

TABLE VII.—Showing the proportion of maintenance of Hospitals paid by the Government.

Hospitals.	Location.	Revenues on maintenance account, exclusive of Government grant.	Government grant in aid of maintenance.	Total revenue for maintenance.	Total expenditure for maintenance.	Percentage of Government grant to total expenditure for maintenance.
Victoria Hospital	Almonte	9,128 17	424 22	9,552 39	9,552 39	4.4
Royal Victoria Hospital	Barrie	25,267 44	4,898 94	30,166 38	26,033 20	18.8
General Hospital	Belleville	37,178 23	1,480 62	38,656 85	33,703 36	4.4
General Hospital	Bowmanville	14,322 93	989 81	15,312 74	15,168 71	6.5
General Hospital	Brantford	96,048 29	6,761 29	102,809 58	105,442 36	6.4
Brant Sanitarium	"	20,476 97	3,515 50	23,992 47	19,852 45	17.7
General Hospital	Brockville	34,272 43	1,450 53	35,722 96	38,071 04	3.8
St. Vincent de Paul Hospital	"	39,644 13	2,493 32	42,137 45	42,116 81	5.9
Lady Minto Hospital	Chapleau	9,029 48	884 15	9,913 63	7,725 31	11.4
General Hospital	Chatham	41,646 40	1,002 98	42,649 38	42,628 27	2 3
St. Joseph's Hospital	"	34,202 77	869 59	35,072 36	33,820 00	2 6
General Hospital	Clinton	4,456 49	.....	4,456 49	5,318 87	.....
Cottage Hospital	Cobourg	11,100 82	1,061 60	12,162 42	12,454 64	8.5
Lady Minto Hospital	Cochrane	13 660 40	2,596 40	16,256 80	16,225 14	16.0
General and Marine Hospital	Collingwood	19,754 21	1,001 12	20,755 33	20,746 31	4.8
General Hospital	Cornwall	28,492 35	1,761 35	30,253 70	267,30 34	6.6
Hotel Dieu Hospital	"	26,463 77	3,461 85	29,925 62	30,039 89	11.5
Haldimand Co. Memorial Hosp	Dunnville	7,731 94	.....	7,731 94	7,731 94	.....
Royal Alexandra Hospital	Fergus	18,524 73	356 85	18,881 58	18,879 70	1.9
McKellar General Hospital	Fort William	95,418 39	4,822 34	100,240 73	100,240 73	4.8
General Hospital	Galt	36,649 49	1,850 84	38,491 33	37,532 74	4.9
General and Marine Hospital	Goderich	7,944 77	261 71	8,206 48	8,028 66	3.2
Muskoka Cottage Sanitarium	Gravenhurst	132,481 90	.....	132,481 90	143,848 51	.....
Muskoka Free Hosp. for Con	"	149,341 31	45,285 00	194,626 31	255,607 56	17.7
General Hospital	Guelph	82,603 38	3,864 47	68,468 35	86,468 35	4 5
St. Joseph's Hospital	"	29,257 49	2,333 58	31,591 07	31,880 15	7.3
City Hospital	Hamilton	362,177 42	18,843 25	281,020 67	415,197 11	4.5
St. Joseph's Hospital	"	73,459 02	5,909 51	79,368 53	79,003 70	7 4
Mountain Sanitarium	"	56,970 88	29,541 00	86,511 88	101,801 41	29.1
Providence Hospital	Haileybury	46,946 54	3,975 45	50,921 99	38,866 95	10.2
General Hospital	Ingersoll	15,006 14	1,187 39	16,193 53	10,952 96	10.8
General Hospital	Kenora	8,283 92	882 34	9,166 26	11,053 93	8.0
St. Joseph's Hospital	"	10,443 94	1,008 45	11,452 39	9,928 71	10.2
General Hospital	Kincardine	7,203 13	750 82	7,953 95	7,003 71	10.7
General Hospital	Kingston	114,641 19	6,230 28	120,871 47	121,799 68	5.1
Hotel Dieu Hospital	"	70,054 50	5,049 36	75,103 86	80,039 65	6.3
Essex Health Association	Kingsville	15,645 63	5,999 00	21,644 63	25,689 96	34.1
Kitchener and Waterloo Hosp.	Kitchener	42,004 26	1,424 61	43,429 87	41,502 74	3.4
General Hospital	London	282,249 75	9,497 15	291,746 90	291,746 90	3.3
St. Joseph's Hospital	"	103,192 18	1,575 14	104,767 32	104,757 63	1.5
*Queen Alexandra Sanitarium	"	188,659 75	12,015 00	200,674 75	250 652,59	.....
Victoria Home for Incurables	"	22,587 39	7,609 17	30,196 56	22,221 13	3.4
Bethesda Hospital	"	24,329 32	.....	24,329 32	25,034 53	.....
Ross Memorial Hospital	Lindsay	23,049 94	1,032 89	24,082 83	23,466 74	4.4
Listowel Memorial Hospital	Listowel	9,547 48	.....	9,547 48	5,514 04	.....
General Hospital	Mattawa	5,349 00	2,315 00	7,664 00	7,487 72	30.8
Lady Minto Hospital	Midland	9,922 35	703 74	10,626 09	9,596 10	7.3
General Hospital	New Liskeard	10,881 94	840 92	11,722 86	12,016 85	7.0
General Hospital	Niagara Falls	28,415 00	1,189 55	29,640 55	29,255 63	4.1
Queen Victoria Hospital	North Bay	18,175 38	1,196 92	19,372 30	19,272 30	6.2
General Hospital	Orangeville	8,116 64	957 48	9,074 12	8,215 07	11.6
General Hospital	Orillia	16,987 47	1,181 70	18,169 17	18,256 21	6.5
General Hospital	Oshawa	29,189 14	2,249 10	31,438 24	25,887 50	8.7
General Protestant Hospital	Ottawa	147,526 58	4,313 65	151,840 23	152,148 43	2.8
Roman Catholic Hospital	"	145,092 08	7,499 61	152,591 69	135,358 69	5.5
Maternity Hospital	"	34,455 50	474 90	34,930 40	32,070 54	1.5
Misericordia Maternity Hosp.	"	29,749 03	3,655 40	33,404 43	32,142 98	11.4
Perley Home for Incurables	"	11,811 90	6,378 92	18,190 82	18,096 37	35.2
Royal Sanitarium	"	40,780 47	10,667 50	51,447 97	51,447 97	20.7
St. Luke's General Hospital	"	122,583 23	2,931 25	125,514 48	123,095 78	2.4
General and Marine Hospital	Owen Sound	31,268 16	975 11	32,243 27	29,313 99	3.3
General Hospital	Parry Sound	10,502 81	1,273 31	11,776 12	11,537 86	11.0
St. Joseph's Hospital	"	7,931 70	1,309 46	9,241 16	8,424 02	15.5
General Hospital	Pembroke	22,979 35	3,630 00	26,609 35	26,299 34	13.8
The Cottage Hospital	"	16,636 97	728 55	17,365 52	15,695 08	4.6
General Hospital	Penetang	6,963 38	355 87	7,319 25	6,890 00	5.2
Nicholls' Hospital	Peterborough	53,783 65	2,122 19	55,905 84	57,072 85	3.7
St. Joseph's Hospital	"	18,116 29	1,720 98	19,837 27	19,784 24	8.7
C. E. Englehart Hospital	Petrolea	15,762 88	1,090 65	16,853 53	16,313 75	6.7
Prince Edward Co. Hospital	Picton	13,659 61	.....	13,659 61	9,046 05	.....
Railway, Marine and Gen. Hosp.	Port Arthur	34,718 55	2,402 54	37,121 09	36,543 11	6.6
St. Joseph's Hospital	"	41,029 15	2,886 81	43,915 96	46,664 25	6.2
General Hospital	Port Hope	12,398 85	1,094 31	13,493 16	13,010 78	8.4
Victoria General Hospital	Renfrew	16,985 25	903 07	17,888 32	19,561 66	4.6
General and Marine Hospital	St. Catharines	50,461 95	1,620 15	52,082 10	48,757 10	3.3
Consumptive Sanitarium	"	4,606 88	1,083 00	5,690 88	5,917 95	18.3
Amasa Wood Hospital	St. Thomas	37,078 26	1,445 33	38,523 59	38,503 68	3.7

*This includes Military Patients.

TABLE VII.—Showing the proportion of maintenance of Hospitals paid by the Government.—*Concluded.*

Hospitals.	Location.	Revenues on maintenance account, exclusive of Government grant.	Government grant in aid of maintenance.	Total revenue for maintenance.	Total expenditure for maintenance.	Percentage of Government grant to total expenditure for maintenance
General Hospital	Sarnia	37,578 17	1,011 88	38,590 05	38,194 07	3.7
General Hospital	Sault Ste.Marie	35,533 29	2,264 68	37,797 97	33,546 43	2.6
Royal Victoria Hospital	"	18,427 40	1,388 74	19,816 14	17,392 46	6.7
Public Hospital	Smith's Falls	27,285 40	1,938 36	29,223 76	28,865 98	7.9
St. Francis' Hospital	"	17,485 47	1,688 00	19,173 47	19,168 04	6.7
General Hospital	Stratford	38,972 28	1,059 86	40,032 14	38,431 31	8.8
General Hospital	Strathroy	14,713 21	1,051 81	15,765 02	14,405 42	2.8
St. Joseph's Hospital	Sudbury	73,545 01	6,659 75	80,204 76	71,242 25	7.3
General Hospital	Toronto	796,380 48	40,433 96	836,814 44	942,939 24	9.3
Grace Hospital	"	142,527 27	7,224 50	149,751 77	149,751 77	....
Hospital for Sick Children	"	297,360 63	20,549 01	317,909 64	358 489,67	4.8
Orthopedic Hospital	"	46,990 42	339 60	47,330 02	25,108 75	5.7
The Preventorium	"	13,143 71	7,996 00	21,139 71	22,941 44	1.3
St. John's Hospital	"	60,927 93	3,097 91	64,025 84	54,478 51	34.8
St. Michael's Hospital	"	212,032 77	21,717 21	233,749 98	242,339 20	5.8
Toronto Hospital for Incurables	"	132,501 43	18,896 77	151,398 20	151,398 61	8.9
Salvation Army Women's Hosp.	"	15,672 83	2,537 40	18,210 23	14,974 40	12.5
Wellesley Hospital	"	194,582 95	163 20	194,746 15	201,076 26	16.9
Western Hospital	"	198,173 21	11,607 98	209,781 19	215,111 34	....
Women's College Hospital	"	42,709 21	2,825 69	45,534 90	42,122 89	5.4
Home for Incurable Children	"	14,817 34	2,532 86	17,350 20	17,707 58	6.7
General Hospital	Walkerton	12,754 82	665 92	13,410 74	13,741 52	14.3
General Hospital	Welland	26,590 84	2,189 37	28,780 31	25,458 27	8.6
Toronto Free Hosp. for Con.... King Edward Sanitarium .. Queen Mary Hosp. for Children	Weston	153,830 81	49,237 50	203,068 31	291,653 99	16.8
Hotel Dieu Hospital	Windsor	71,438 97	3,514 60	74,953 57	74,981 30	4.7
General Hospital	Wingham	10,416 67	58 44	10,475 11	10,460 47	....
General Hospital	Woodstock	30,144 01	757 89	30,901 90	29,764 71	2.5
Totals for 1920		6,292,034 45	490,555 77	6,782 590,22	7,071,511 43	6.9
Totals for 1919		5,229,942 04	442,860 52	5,672,802 56	5,708,809 53	7.7

TABLE VIII.—Showing the comparative cost per patient daily in the different Hospitals in periods of five years.

Hospitals.	Location.	1905	1910	1915	1920
		$ c.	$ c.	$ c.	$ c.
Victoria Hospital	Almonte		1 23	2 50	3 80
Royal Victoria Hospital	Barrie	0 93	1 14	1 31	1 31
General Hospital	Belleville	1 63	1 09	1 21	2 47
General Hospital	Bowmanville			1 73	3 64
General Hospital	Brantford	0 78	1 19	1 75	2 84
Brant Sanatorium	"			1 90	2 54
General Hospital	Brockville	1 39	1 12	1 47	2 49
St. Vincent de Paul Hospital	"	0 87	1 16	1 48	2 16
Lady Minto Hospital	Chapleau			2 67	2 17
General Hospital	Chatham	0 87	1 00	1 61	2 81
St. Joseph's Hospital	"	0 72	0 82	1 52	2 71
General Hospital	Clinton				3 85
Cottage Hospital	Cobourg		1 66	1 73	3 33
Lady Minto Hospital	Cochrane				2 51
General and Marine Hospital	Collingwood	0 96	1 01	1 34	2 09
General Hospital	Cornwall	0 74	0 92	1 13	2 13
Hotel Dieu Hospital	"	0 53	0 75	0 96	2 08
Haldimand Co. Memorial Hospita	Dunnville				5 65
Royal Alexandra Hospital	Fergus		1 52	2 16	2 32
McKellar General Hospital	Fort William	1 08	1 66	1 90	3 02
General Hospital	Galt	1 12	1 55	1 49	2 27
General and Marine Hospital	Goderich		1 73	2 05	3 54
Muskoka Cottage Sanatorium	Gravenhurst	2 05	1 89	4 74	5 22
Muskoka Free Hospital for Cons.	"	2 05	1 14	1 62	2 91
General Hospital	Guelph	1 16	0 95	1 43	3 78
St. Joseph's Hospital	"	0 84	1 03	1 11	2 39
City Hospital	Hamilton	1 14	1 37	1 53	3 38
St. Joseph's Hospital	"	0 78	1 02	1 24	2 48
Mountain Sanatorium	"		0 99	1 07	1 71
Providence Hospital	Haileybury			1 97	3 23
General Hospital	Ingersoll		2 19	1 74	3 02
General Hospital	Kenora	1 46	2 16	1 16	2 27
St. Joseph's Hospital	"	2 26	1 19	1 43	1 30
General Hospital	Kincardine		2 35	3 83	2 97
General Hospital	Kingston	0 79	0 96	1 41	2 11
Hotel Dieu Hospital	"	0 55	0 65	1 03	2 33
Essex Health Association	Kingsville			1 29	2 98
Kitchener and Waterloo Hospital	Kitchener	1 64	1 64	1 53	2 99
General Hospital	London	1 26	1 62	2 10	3 53
St. Joseph's Hospital	"	1 23	1 24	1 66	2 82
Queen Alexandra Sanatorium	"		2 11	1 10	2 59
Victoria Home for Incurables	"				1 09
Bethesda Hospital	"				3 73
Ross Memorial Hospital	Lindsay	1 89	1 52	1 94	2 82
Listowel Memorial Hospital	Listowel				3 87
General Hospital	"	0 96	0 91	0 61	1 10
General Hospital	Mattawa	2 10	1 74	1 56	2 93
Lady Minto Hospital	Midland		1 29	1 59	2 16
General Hospital	New Liskeard		1 54	2 01	3 32
Queen Victoria Hospital	Niagara Falls	1 33	1 07	1 80	2 98
General Hospital	North Bay			2 00	2 94
General Hospital	Orangeville		1 12	1 40	1 91
General Hospital	Orillia		8 23	1 46	2 39
General Hospital	Oshawa	1 29	1 28	1 76	3 14
General Protestant Hospital	Ottawa	0 81	1_02	1 04	2 21
Roman Catholic Hospital	"	2 03	1_97	2 24	3 68
Maternity Hospital	"				1 35
Misericordia Maternity Hospital	"				1 09
Perley Home for Incurables	"				2 41
Royal Sanatorium	"		1 84	1 49	2 77
St. Luke's General Hospital	"	0 87	1 62	1 73	1 92
General and Marine Hospital	"	0 89	1 11	1 87	2 34
General Hospital	Owen Sound		1 61	1 58	1 69
St. Joseph's Hospital	Parry Sound				2 80
General Hospital	"	0 53	0 69	0 97	1 48
The Cottage Hospital	Pembroke	0 97	1 12	2 00	4 29
General Hospital	"			2 47	3 17
Nicholls' Hospital	Penetanguishene	1 95	1 73	1 90	2 22
St. Joseph's Hospital	Peterborough	47	0 94	1 39	3 16
C. E. Englehart Hospital	"			2 25	4 39
Prince Edward Trinity Hospital	Petrolea				2 69
Railway, Marine and General Hosp.	Picton		1 84	1 70	2 63
St. Joseph's Hospital	Port Arthur	1 09	1 35	1 20	3 03
General Hospital	"			2 21	2 41
Victoria General Hospital	Port Hope	1 49	1 11	1 30	3 32
General and Marine Hospital	Renfrew	1 08	1 30	1 44	3 14
Consumptive Sanatorium	St. Catharines		1 14	0 96	3 76
Amasa Wood Hospital	"	1 92	1 97	2 15	2 67
General Hospital	St. Thomas	1 63	1 59	1 28	3 65
General Hospital	Sarnia	0 90	1 14	1 81	1 74
Royal Victoria Hospital	Sault Ste. Marie				4 98
Public Hospital	"				3 76
St. Francis' Hospital	Smith's Falls			2 04	2 41
	"	0 7	0 72	1 37	

TABLE VIII.—Showing the comparative cost per patient daily in the different Hospitals in periods of five years.—*Concluded.*

Hospitals	Location.	1905	1910	1915	1920
General Hospital	Stratford	1 17	1 28	1 81	3 70
General Hospital	Strathroy			1 77	4 45
St. Joseph's Hospital	Sudbury	1 08	1 06	1 23	2 13
General Hospital	Toronto	1 28	1 41	2 04	4 74
Grace Hospital	"	1 00	1 39	1 81	4 09
Hospital for Sick Children	"	1 25	1 53	2 26	4 22
Orthopedic Hospital	"	1 10	1 39	1 64	3 07
The Preventorium	"			0 75	1 52
St. John's Hospital	"				4 26
St. Michael's Hospital	"	0 90	1 00	1 56	2 56
Toronto Hospital for Incurables	"				1 95
Salvation Army Women's Hospital	"				1 28
Wellesley Hospital	"				6 89
Western Hospital	"	1 02	1 02	1 53	3 43
Women's College Hospital	"				3 62
Home for Incurable Children	"				1 71
General Hospital	Walkerton	2 66	2 27	1 58	1 74
General Hospital	Welland		1 82	1 27	32 3
Toronto Free Hos. for Consumptives	Weston		1 35		
King Edward Sanatorium	"	1 53	1 47	1 64	2 94
Queen Mary Hospital for Children	"				
Hotel Dieu Hospital	Windsor	0 76	1 04	1 76	2 46
General Hospital	Wingham		1 79	2 28	4 26
General Hospital	Woodstock	1 87	1 34	1 42	3 47
Averages		1 13	1 26	1 64	2 99

SEPARATE REPORTS

VICTORIA HOSPITAL, ALMONTE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	4
Admitted	118
Births in Hospital	32
Total number under treatment	154
Discharged	143
Died	7
Under treatment, 30th September, 1920	4
	154

Sex.

Male	53
Female	101
	154

Revenue.

From the Province of Ontario	$424 22
From the Town of Almonte	250 00
From the County of Lanark	100 00
From other municipalities	160 00
From endowments, investments, etc	544 74
From patients themselves for maintenance and treatment	4,500 60
From subscriptions, donations and bequests from private individuals	1,478 65
From other sources	2,094 18
Total	$9,552 39

Expenditures.

Butchers' meat	$398 36
Butter and eggs	288 04
Flour, bread and meal	138 20
Milk	216 29
Tea and coffee	32 23
Potatoes and other vegetables	53 29
Groceries and provisions not enumerated	630 41
Drugs and medicines	207 49
Medical and surgical appliances	5 21
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	1,109 84
Brooms, brushes, mops, soap and cleaning appliances	49 60
Fuel	756 37
Electric light, gas, oil and candles	161 58
Salaries and wages	3,888 12
Taxes, insurance and interest	67 50
Contingencies	336 96
Repairs, ordinary	128 41
Ice	41 60
Printing, stationery, etc	135 55
Surgical instruments	.....
Bank overdraft	907 34
Total	$9,552 39
Government grant for 1920	$397 68

ROYAL VICTORIA HOSPITAL, BARRIE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	25
Admitted	743
Births in Hospital	80
Total number under treatment	848
Discharged	772
Died	38
Under treatment, 30th September, 1920	38
	848

Sex.

Male	316
Female	532
	848

Revenue.

From the Province of Ontario	$4,898 94
From the Town of Barrie	350 00
From the County of Simcoe	500 00
From other municipalities	.....
From patients for maintenance	23,396 25
From endowments, investments, etc	879 00

ROYAL VICTORIA HOSPITAL, BARRIE.—*Continued.*

From subscriptions, donations and bequests from private individuals	$29 44
From other sources	12 75
Total	**$30,166 38**

Expenditures.

Butchers' meat	$1,546 64
Butter and eggs	1,695 61
Flour, bread and meal	1,082 88
Milk	1,105 49
Tea and coffee	.....
Potatoes and other vegetables	1,146 54
Groceries and provisions, not enumerated	2,394 44
Drugs and medicines	857 50
Medical and surgical appliances	1,435 87
Beer, wine and spirits	$15 25
Bedding, napery and general house furnishings	1,827 05
Brooms, brushes, mops, soap and cleaning appliances	693 01
Fuel	2,461 51
Electric light, gas, oil and candles	229 72
Water	101 78
Ice supply	102 66
Salaries and wages	6,886 14
Electric power elevator	87 30
Contingencies	733 88
Repairs, ordinary	518 34
Taxes and insurance	192 50
X Ray dept	887 39
Clothing for patients	31 70
Total	**$26,033 20**
Government grant for 1920	**$5,993 03**

GENERAL HOSPITAL, BELLEVILLE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	45
Admitted	1135
Births in Hospital	133
Total number under treatment	1313
Discharged	1227
Died	48
Under treatment, 30th September, 1920	38
	1,313

Sex.

Male	589
Female	724
	1,313

Revenue.

From the Province of Ontario	$1,480 62
From the City of Belleville	2,500 00
From County of Hastings	525 00
From patients for maintenance and treatment	30,511 15
Income from endowments, investments, etc	199 60
From subscriptions, donations and bequests from private individuals	1,321 35
From other sources	2,121 13
Total	**$38,658 85**

Expenditures.

Butchers' meat	$2,644 70
Butter and eggs	1,584 68
Flour, bread and meal	900 20
Milk	1,663 89
Tea and coffee	379 68
Potatoes and other vegetables	792 49
Groceries and provisions not enumerated	2,208 52
Drugs and medicines	1,063 22
Medical and surgical appliances	1,879 73
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	1,092 39
Brooms, brushes, mops, soap and cleaning appliances	662 73
Fuel	3,199 07
Electric light, gas, oil and candles	1,344 45
Clothing for patients	.....
Ice supply	.....
Salaries and wages	8,810 25
Contingencies	2,795 34
Repairs, ordinary	1,179 69
Stationery and printing	449 98
Taxes, insurance and interest	1,052 35
Total	**$33,703 36**
Government grant for 1920	**$961 67**

GENERAL HOSPITAL, BOWMANVILLE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	23
Admitted	237
Births in Hospital	38
Total under treatment	298
Discharged	266
Died	20
Under treatment, 30th September, 1920	12
	298

Sex.

Male	143
Female	155
	298

Revenue.

From the Province of Ontario	$989 81
From Town of Bowmanville	1,000 00
From County of Durham	750 00
From patients for maintenance and treatment	11,940 90
From subscriptions, donations and bequests from private individuals	463 63
From all other sources	168 40
Total	$15,312 74

Expenditures.

Butchers' meat	$984 36
Butter and eggs	905 23
Flour, bread and meal	150 50
Milk	263 75
Tea and coffee	.....
Potatoes and other vegetables	165 93
Groceries and provisions not enumerated	1,075 50
Drugs and medicines	458 98
Medical and surgical appliances	843 05
Surgical instruments	33 12
Beer, wine and spirits	30 25
Bedding, napery and general house furnishings	461 41
Brooms, brushes, mops, soap and cleaning appliances	26 62
Fuel	2,102 37
Light, gas, oil and candles	335 14
Ice supply	64 98
Salaries and wages	4,314 00
Stationery, printing, postage, etc	27 84
Contingencies	2,331 87
Repairs, ordinary	167 79
Laundry	158 91
Taxes and insurance	267 11
Hay and straw	.....
Water supply	.....
Total	$15,168 71
Government grant for 1920	$1,347 20

GENERAL HOSPITAL, BRANTFORD.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	98
Admitted	2353
Births in the Hospital	280
Total number under treatment	2731
Discharged	2479
Died	155
Under treatment, 30th September, 1920	97
	2731

Sex.

Male	1179
Female	1552
	2731

Revenue.

From the Province of Ontario	$6,761 29
From the City of Brantford	38,000 00
From the County of Brant	3,754 72
From other municipalities	.....
From patients for maintenance and treatment	50,605 86
Income from endowments, investments, etc	435 27
From subscriptions, donations and bequests from private individuals	100 00
From all other sources	3,152 44
Total	$102,909 58

Expenditures.

Butchers' meat	$6,311 67
Butter and eggs	5,583 51
Flour, bread and meal	2,225 79

GENERAL HOSPITAL, BRANTFORD.—*Continued.*

Milk	$3,663 21
Tea and coffee	1,352 51
Potatoes and other vegetables	2,247 47
Groceries and provisions not enumerated	5,222 79
Drugs and medicines	4,873 45
Medical and surgical appliances and surgical instruments	7,189 19
Beer, wine and spirits	625 82
Bedding, napery and general house furnishings	4,798 25
Brooms, brushes, mops, soap and cleaning appliances	2,085 92
Fuel and power	$1,107 89
Electric light, gas, oil, candles	797 12
Ice	.....
Salaries and wages	29,224 69
Taxes and insurance	1,459 11
Printing, stationery, etc	492 48
Contingencies	3,714 72
Repairs, ordinary	12,041 74
Hay and straw	461 03
Coffins and funerals	.....
Total	105,442 36
Government grant for 1920	$7,624 30

THE BROCKVILLE GENERAL HOSPITAL.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	41
Number admitted	905
Births in Hospital	82
Total number under treatment	1,028
Discharged	950
Died	36
Under treatment, 30th September, 1920	42
	1,028

Sex.

Male	434
Female	594
	1,028

Revenue.

From the Province of Ontario	$1,450 53
From the Town of Brockville	2,000 00
From the Counties of Leeds and Grenville	.....
From other municipalities of the Province	.....
From paying patients	28,268 16
From property belonging to the Hospital	1,731 77
From subscriptions, bequests and donations from private individuals	2,272 50
From other sources not enumerated	.....
Total	$35,722 96

Expenditures.

Butchers' meat	$3,310 80
Butter and eggs	4,110 34
Flour, bread and meal	1,225 15
Milk	1,568 10
Tea and coffee	473 60
Potatoes and other vegetables	1,636 31
Groceries and provisions not enumerated	3,169 84
Drugs and medicines	771 53
Medical and surgical appliances	662 14
Bedding, napery and general house furnishings	572 64
Brooms, brushes, mops, soap and cleaning appliances	513 01
Fuel	4,731 83
Electric light, gas, oil, candles	1,343 21
Water supply	.....
Ice supply	181 72
Salaries and wages	8,998 75
Taxes and insurance	345 63
Contingencies	2,488 94
Repairs, ordinary	1,128 82
Ambulance	137 91
Printing, stationery, etc	.....
Laundry expenses	700 77
Surgical instruments	.....
Total	$38,071 04
Government grant for 1920	$2,401 83

ST. VINCENT DE PAUL HOSPITAL, BROCKVILLE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	52
Admitted	1,217
Births in Hospital	97
Total number under treatment	1,366
Discharged	1,260
Died	57
Under treatment, 30th September, 1920	49
	1,366

Sex.

Male	500
Female	866
	1,366

Revenue.

From the Province of Ontario	$2,493 32
From the Town of Brockville	2,000 00
From other municipalities	607 25
From paying patients	32,807 17
From subscriptions, bequests and donations from private individuals	846 00
From other sources, not enumerated	3,383 71
Total	$42,137 45

Expenditure.

Butchers' meat and fish	$6,091 25
Butter and eggs	3,414 15
Flour, bread and meal	1,212 57
Milk	2,413 89
Tea and coffee	750 05
Potatoes and other vegetables	1,934 94
Groceries and provisions not enumerated	4,320 07
Drugs and medicines	914 57
Medical and surgical appliances	957 54
Bedding, napery and general house furnishings	1,948 96
Brooms, brushes, mops, soap and cleaning appliances	285 55
Fuel	6,023 09
Electric light, gas, oil, candles	1,398 49
Water supply	25 08
Clothing for sisters, including boots and shoes	112 85
Ice supply	335 00
Salaries and wages	5,300 22
Taxes, insurance and interest	254 97
Contingencies	1,845 16
Repairs, ordinary	1,963 69
Printing, stationery, etc	293 28
Beer, wine and spirits	321 44
Coffins and funerals	.....
Total	$42,116 81
Government grant for 1920	$3,127 37

LADY MINTO HOSPITAL, CHAPLEAU.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	13
Admitted	294
Births in Hospital	15
Total number under treatment	322
Discharged	294
Died	15
Under treatment, 30th September, 1920	13
	322

Sex.

Male	231
Female	91
	322

Revenue.

From the Province of Ontario	$884 15
From the Town of Chapleau	150 00
From patients themselves for maintenance and treatment	5,207 60
From subscriptions, donations and bequests from private individuals	3,671 88
From other sources	.....
Total	$9,913 63

Expenditures.

Butchers' meat and fish	$553. 10
Butter and eggs	.....
Milk	130 40
Tea and coffee	.....
Potatoes and other vegetables	.....
Groceries and provisions not enumerated	2, 499 63

LADY MINTO HOSPITAL, CHAPLEAU.—*Continued.*

Drugs and medicines	$427 38	Ice	$60 00
Surgical and medical appliances	.....	Salaries and wages	3,354 10
Beer, wine and spirits	.....	Taxes and insurance, telephone and power	200 00
Bedding, napery and general house furnishings	.....	Stationery, printing, etc	14 24
Fuel	132 18	Contingencies	.....
Brooms, brushes, mops, soap and cleaning appliances	.....	Repairs, ordinary	80 68
Electric light, gas, oil and power	198 60	Hay and straw	.....
Water supply	75 00	Total	$7,725 31
		Government grant for 1920	$1,396 16

GENERAL HOSPITAL, CHATHAM.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment 1st October, 1919	47
Admitted	1,181
Births in Hospital	106
Total number under treatment	1,334
Discharged	1,239
Died	57
Under treatment, 30th September, 1920	38
	1,334

Sex.

Male	515
Female	819
	1,334

Revenue.

From the Province of Ontario	$1,002 98
From the City of Chatham	368 65
From the County of Kent	.....
From other municipalities of the Province	1,512 85
From patients themselves for maintenance and treatment	39,618 01
From subscriptions, donations and bequests from private individuals	.....
From all other sources	146. 89
Total	$42,649 38

Expenditures.

Butchers' meat	$3,182 70
Butter and eggs	177 70
Flour, bread and meal	996 25
Milk	1,528 21
Tea and coffee	.....
Potatoes and other vegetables	447 58
Groceries and provisions not enumerated	9,502 85
Drugs and medicines	724 23
Surgical instruments	.....
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	2,784 36
Brooms, brushes, mops, soap and cleaning appliances	.....
Fuel	3,581 35
Electric light, gas, oil, candles	729 44
Ice	474 00
Salaries and wages	12,751 55
Insurance and interest	13 50
Contingencies	789 77
Repairs, ordinary	1,951 23
Laundry	1,437 85
Water supply	.....
Operating room	1,555 70
Total	$42,628 27
Government grant for 1920	$598 54

ST. JOSEPH'S HOSPITAL, CHATHAM.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	29
Admitted	934
Births in Hospital	131
Total under treatment	1,094
Discharged	994
Died	57
Under treatment, 30th September, 1920	43
	1,094

Sex.

Male	405
Female	689
	1,094

Revenue.

From the Province of Ontario	$869 59
From the City of Chatham	396 80
From the County of Kent	319 90
From patients for maintenance and treatment	31,017 71
From subscription, donations and bequests from private individuals	218 92
From other sources	2,249 44
Total	$35,072 36

Expenditures.

Butchers' meat	$2,687 12
Butter and eggs	1,732 25
Flour, bread and meal	1,112 06
Milk	2,039 23
Tea and coffee	1,058 55
Potatoes and other vegetables	1,060 89
Groceries and provisions not enumerated	2,943 25
Drugs and medicines	768 36
Medical and surgical appliances	2,383 87
Beer, wine and spirits	103 27
Bedding, napery and general house furnishings	3,973 94
Brooms, brushes, mops, soap and cleaning appliances	669 79
Fuel	3,413 82
Light: electric, gas, oil, candles	372 22
Ice supply	622 00
Salaries and wages	4,286 05
Taxes, insurance and interest	789 00
Contingencies	455 85
Repairs, ordinary	3,171 65
Advertising, printing and postage	176 83
Total	$33,820 00
Government grant for 1920	$1,061 01

PUBLIC HOSPITAL, CLINTON

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	3
Admitted	140
Births in Hospital	9
Total number under treatment	152
Discharged	144
Died	5
Under treatment, 30th September, 1920	3
	152

Sex.

Male	66
Female	86
	152

Revenue.

From the Province of Ontario	.....
From the Town of Clinton	.....
From the County of Huron	.....
From other municipalities	.....
From endowments, investments, etc	.....
From patients themselves for maintenance and treatment.	$3,813 34
From subscriptions, donations and bequests from private individuals	383 25
From other sources	259 90
Total	$4,456 49

Expenditures.

Butchers' meat	$296 02
Butter and eggs	313 61
Flour, bread and meal	109 34
Milk	173 02
Tea and coffee	.....
Potatoes and other vegetables	101 05
Groceries and provisions not enumerated	802 91
Drugs and medicines	285 71
Medical and surgical appliances	.....
Beer, wine and spirits	.....

PUBLIC HOSPITAL, CLINTON.—*Continued.*

Bedding, napery and general house furnishings	$24 30
Brooms, brushes, mops, soap and cleaning appliances	31 69
Fuel	676 87
Electric light, gas, oil and candles	.....
Salaries and wages	1,315 99
Taxes, insurance and interest	.....
Contingencies	163 81
Repairs, ordinary	$97 33
Ice	.....
Printing, stationery, etc	16 50
Surgical instruments	586 41
Laundry	291 56
Telephone	32 85
Total	$5,318 87
Government grant for 1920	$468 51

COTTAGE HOSPITAL, COBOURG.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	7
Admitted	334
Births in Hospital	44
Total number under treatment	385
Discharged	344
Died	26
Under treatment, 30th September, 1920	15
	385

Sex.

Male	150
Female	235
	385

Revenue.

From the Province of Ontario	$1,061 60
From the Town of Cobourg	300 00
From the Counties of Northumberland and Durham	1,004 25
From other municipalities in the Province	275 00
From paying patients themselves	8,618 62
From endowments, investments, etc	.....
From subscriptions, donations, etc	$843 40
From other sources	59 55
Total	$12,162 42

Expenditures.

Butchers' meat and fish	$1,007 23
Butter and eggs	706 25
Flour, bread and meal	375 98
Milk	531 65
Tea and coffee	118 50
Potatoes and other vegetables	152 85
Groceries and provisions not enumerated	787 98
Drugs and medicines	223 65
Medical and surgical appliances	407 68
Bedding, napery and general house furnishings	796 61
Brooms, brushes, mops, soap and cleaning appliances	122 28
Fuel	929 67
Water	164 84
Electric light, gas, oil	228 35
Salaries and wages	4,101 20
Contingencies	1,273 05
Repairs, ordinary	262 69
Printing, stationery, postage, etc	140 43
Ice	40 00
Insurance and taxes	47 30
Clothing for patients	36 45
Wine and spirits	.....
Total	$12,454 64
Government grant for 1920	$1,305 29

LADY MINTO HOSPITAL, COCHRANE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	22
Admitted	394
Births in Hospital	45
Total number under treatment	461
Discharged	399
Died	40
Under treatment, 30th September, 1920	22
	461

LADY MINTO HOSPITAL, COCHRANE.—*Continued.*

Sex.

Male	295
Female	166
	461

Revenue.

From the Province of Ontario	$2,596 44
From the Town of Cochrane	558 65
From patients themselves for maintenance and treatment	6,963 01
From property belonging to Hospital, endowments, etc	.....
From subscriptions, donations, and bequests from private individuals	
From other sources	6138 70
Total	$16,256 80

Expenditures.

Butchers' meat	$613 49
Butter and eggs	423 28
Flour, bread and meal	406 91
Milk	818 74
Tea and coffee	58 50
Potatoes and other vegetables	336 15
Groceries and provisions not enumerated	$2,074 33
Drugs and medicines	869 48
Surgical instruments and appliances	533 35
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	97 66
Brooms, brushes, mops, soap and cleaning appliances	153 25
Fuel	1,504 17
Electric light, gas, oil, candles	383 57
Laundry	1,469 60
Clothing for patients	.....
Ice	60 00
Salaries and wages	5,033 63
Taxes and insurance	261 40
Hay and straw	.....
Contingencies	261 70
Printing, stationery, etc	65 72
Repairs, ordinary	214 77
Telephone	58 20
Laundry	1,489 60
Bank overdraft	507 24
Total	$16,225 14
Government grant for 1920	$2,780 42

GENERAL AND MARINE HOSPITAL, COLLINGWOOD.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	35
Admitted	467
Number of births in the Institution during the year	33
Total number under treatment	535
Discharged	481
Died	26
Under treatment, 30th September, 1920	28
	535

Sex.

Male	215
Female	320
	535

Revenue.

Received from the Province of Ontario	$1,001 12
From the Town of Collingwood	1,050 00
From the County of Simcoe	500 00
From paying patients	17,245 38
Subscriptions, donations, etc	148 83
From sources not enumerated	810 00
Total	$20,755 33

Expenditures.

Butchers' meat	$1,681 50
Butter and eggs	1,668 62
Flour, bread and meal	850 99
Milk	979 21
Tea and coffee	232 33
Potatoes and other vegetables	385 92
Groceries and provisions not enumerated	2,056 57
Drugs and medicines	1,256 81
Medical and surgical appliances	402 85
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	782 53
Brooms, brushes, mops, etc.	742 69
Fuel	1,741 10
Electric light, gas, oil, candles	244 89
Water supply	89 21
Ice	150 00
Salaries and wages	5,429 70
Contingencies	981 30
Repairs, ordinary	1,025 84
Taxes and insurance	44 25
Total	$20,746 31
Government grant for 1920	$1,030 20

GENERAL HOSPITAL, CORNWALL.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Total under treatment, 1st October, 1919	28
Admitted	594
Births in Hospital	46
Total number under treatment	668
Discharged	599
Died	48
Under treatment, 30th September, 1920	21
	668

Sex.

Male	281
Female	387
	668

Revenue.

From the Province of Ontario	$1,761 35
From the Town of Cornwall	1,000 00
From the Counties of Stormont, Dundas, and Glengarry	1,200 00
From other municipalities in the Province	300 00
From paying patients themselves	21,186 85
From subscriptions, donations, etc.	2,659 38
From other sources	2,146 12
Total	$30,253 70

Expenditures.

Butchers' meat and fish	$1,639 13
Butter and eggs	1,706 93
Flour, bread and meal	787 80
Milk	1,089 63
Tea and coffee	252 93
Potatoes and other vegetables	502 34
Groceries and provisions not enumerated	2,283 98
Drugs and medicines	560 14
Medical and surgical appliances	1,774 88
Surgical instruments	156 57
Beer, wine and spirits	125 00
Bedding, napery and general house furnishings	1,072 44
Brooms, brushes, mops, soap and cleaning appliances	316 02
Fuel	3,841 36
Electric light, gas, oil, candles	566 45
Salaries and wages	5,462 34
Laundry	1,664 78
Contingencies	186 52
Repairs, ordinary	2,039 78
Printing, stationery, postage, telephone, etc	481 68
Ice	60 00
Insurance and interest	141 00
Hay and straw	.....
Clothing for patients	18 64
Total	$26,730 34
Government grant for 1920	$1,873 85

HOTEL DIEU HOSPITAL, CORNWALL.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	37
Admitted	1,044
Births in Hospital	74
Total number under treatment	1,155
Discharged	1,066
Died	50
Under treatment, 30th September, 1920	39
	1,155

Sex.

Male	520
Female	635
	1,155

Revenue.

From the Province of Ontario	$3,461 85
From the Town of Cornwall	1,000 00
From the Counties of Stormont, Dundas and Glengarry	1,200 00
From other municipalities in the Province	400 00
From paying patients, themselves	13,672 91
From subscriptions, donations, etc	5,872 00
From other sources	4,318 86
Total	$29,925 62

Expenditures.

Butchers' meat and fish	$3,358 95
Butter and eggs	2,071 91
Flour, bread and meal	2,150 00
Milk	1,152 90

HOTEL DIEU HOSPITAL, CORNWALL.—*Continued.*

Tea and coffee	$990 32	Electric light, gas, oil and candles	$591 00
Potatoes and other vegetables	1090 85	Ice	95 94
Groceries and provisions not enumerated	3,021 50	Salaries and wages	2,730 00
Drugs and medicines	1,010 80	Taxes and insurance and interest	1,430 20
Medical and surgical appliances	910 00	Contingencies	.....
Surgical instruments	135 00	Repairs, ordinary	3,400 61
Beer, wine and spirits	54 32	Clothing for patients	.....
Bedding, napery and general house furnishings	1,340 25	Hay and straw	85 34
Brooms, brushes, mops, soap and cleaning appliances	675 00	Printing and postage	175 00
Fuel	2550 00	Total	$16,203 46
		Government grant for 1920	$3617 27

HALDIMAND WAR MEMORIAL HOSPITAL, DUNNVILLE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	..
Admitted	151
Births in Hospital	9
Total Number under treatment	160
Discharged	139
Died	7
Under treatment, 30th September, 1920	14
	160

Sex.

Male	54
Female	106
	160

Revenue.

From the Province of Ontario	.....
From the Town of Dunnville	.....
From the County of Haldimand	$834 73
From other municipalities	.....
From patients for maintenance	5,156 35
From endowments, investments, etc	.....
From subscriptions, donations and bequests from private individuals	.....
From other sources	1,740 86
Total	$7,731 94

Expenditures.

Butchers' meat	$309 05
Butter and eggs	231 86
Flour, bread and meal	160 31
Milk	128 00
Tea and coffee	68 80
Potatoes and other vegetables	163 26
Groceries and provisions, not enumerated	494 45
Drugs and medicines	199 71
Medical and surgical appliances	269 33
Beer, wine, and spirits	2 40
Bedding, napery and general house furnishings	.....
Brooms, brushes, mops, soap and cleaning appliances	630 01
Fuel	163 95
Electric light, gas, oil and candles	65 06
Water	.....
Ice supply	36 47
Salaries and wages	4,262 98
Contingencies	388 90
Repairs, ordinary	5 90
Taxes and insurance	151 50
Surgical instruments	.....
Total	$7,731 94
Government grant for 1920	$502 60

ROYAL ALEXANDRA HOSPITAL, FERGUS.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	20
Admitted	313
Births in Hospital	27
Total under treatment	360
Discharged	318
Died	26
Under treatment, 30th September, 1920	16
	360

Sex.

Male	145
Female	215
	360

Revenue.

From the Province of Ontario	$356 85
From the County of Wellington	1,532 00
From other municipalities	25 00
From patients for maintenance and treatment	15,679 64
From subscriptions, donations and bequests from private individual	50 00
From all other sources	1,238 09
Total	$18,879 70

Expenditures.

Butchers' meat	$1,240 54
Butter and eggs	1,490 45
Flour, bread and meal	698 15
Milk	661 77
Tea and coffee	144 00
Potatoes and other vegetables	1,031 31
Groceries and provisions not enumerated	1,231 52
Drugs and medicines	565 61
Medical and surgical appliances	812 23
Surgical instruments	.....
Bedding, napery and general house furnishings	873 62
Brooms, brushes, mops, soap and cleaning appliances	270 59
Fuel	1,992 71
Electric light, gas, oil, candles	213 90
Ice supply	48 75
Salaries and wages	3,520 77
Water supply	40 92
Contingencies	206 68
Repairs, ordinary	493 64
Hay, straw and feed	111 15
Printing and stationery	300 17
Freight and express	352 67
Taxes and insurance	100 00
Telephone	157 29
Laundry	1,288 16
X Ray machine	1,033 10
Total	$18,879 70
Government grant for 1920	$557 04

McKELLAR GENERAL HOSPITAL, FORT WILLIAM.

The following summaries show the operations of the Hospital during the official year;

Movements of Patients.

Number under treatment, 1st October, 1919	99
Admitted	3,281
Number of births in Hospital	232
Total number under treatment	3,612
Discharged	3,389
Died	143
Under treatment, 30th September, 1920	80
	3,612

Sex.

Male	1,877
Female	1,735
	3,612

Revenue.

From the Province of Ontario	$4,822 34
From the Town of Fort William	21,775 97
From other municipalities	.....
From paying patients	61,710 37
Subscriptions, donations, etc	681 21
Other sources	.....
Deficit for year	11,250 84
Total	$100,240 73

Expenditures.

Butchers' meat	$5,063 33
Flour, bread and meal	2,427 66
Milk	4,021 79
Butter and eggs	5,890 56
Tea and coffee	1,202 64
Potatoes and other vegetables	2,305 91
Groceries and provisions not enumerated	6,600 20
Fish	1,063 02

McKELLAR GENERAL HOSPITAL, FORT WILLIAM.—*Continued.*

Drugs and medicines	$2,776 93
Medical and surgical appliances	8,623 35
Beer, wine and spirits	690 33
Bedding, napery and general house furnishings	.....
Brooms, brushes, mops, soap and cleaning appliances and laundry	600 24
Fuel	11,497 34
Taxes, insurance, etc	1,789 02
Printing, stationery, etc	1,183 91
Salaries and wages	28,711 44
Contingencies	.....
Repairs, ordinary	$5,337 52
Water and telephone	994 32
Water supply	665 47
Electric light, gas, oil, etc.	270 75
X-ray supplies	2,224 93
Ice	402 00
Debenture interest	8,675 00
Total	$100,240 73
Governmen grant for 1920	$7,455 82

GALT HOSPITAL, GALT.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	49
Admitted	1,034
Number of births in the Institution	203
Total number under treatment	1,286
Discharged	1,170
Died	64
Under treatment, 30th September, 1920	52
	1,286

Sex.

Male	493
Female	793
	1,286

Revenue.

From the Province of Ontario	$1,850 84
From the Town of Galt	5,750 00
From the County of Waterloo	3,000 00
From other municipalities	100 00
From paying patients themselves	26,586 36
Income from endowments, investments, etc	473 00
From subscriptions, bequests and donations of private individuals	352 84
From other sources	378 29
Total	$38,491 33

Expenditures.

Butchers' meat	$2,604 03
Butter and eggs	1,499 63
Flour, bread and meal	1,411 45
Milk	2,260 94
Tea and coffee	.....
Potatoes and other vegetables	716 59
Groceries and provisions not enumerated	7,159 40
Drugs and medicines	1,286 94
Medical and surgical appliances	1,432 59
Beer, wine and spirits	100 04
Bedding, napery and general house furnishings	340 26
Brooms, brushes, mops, soap and cleaning appliances	795 98
Fuel	5,206 65
Electric light, gas, oil, candles	1,174 34
Water supply	511 21
Ice	366 70
Salaries and wages	8,142 52
Taxes and insurance	324 17
Contingencies	888 40
Repairs, ordinary	773 39
Printing, stationery, etc	441 51
Telephone	.....
Hay and straw	.....
Total	$37,532 74
Government grant for 1920	$1,980 39

GENERAL AND MARINE HOSPITAL, GODERICH.

The following summaries show operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	4
Admitted	176
Births in Hospital	31
Total number under treatment	211
Discharged	190
Died	13
Under treatment, 30th September, 1920	8
	211

Sex.

Male	75
Female	136
	211

Revenue.

From the Province of Ontario	$261 71
From the Town of Goderich	600 00
From the County of Huron	1,000 00
From other municipalities	.....
From patients themselves for maintenance and treatment	4,965 51
From endowments, investments, etc	14 50
From subscriptions, donations and bequests from private individuals	682 76
From other sources	682 00
Total	$8206 48

Expenditures.

Butchers' meat	$490 48
Butter and eggs	495 62
Flour, bread and meal	144 81
Milk	262 48
Tea and coffee	14 70
Potatoes and other vegetables	106 49
Groceries and provisions not enumerated	586 67
Drugs and medicines	18 75
Medical and surgical appliances	319 69
Beer, wine and spirits	.....
Surgical instruments	.....
Bedding, napery and general house furnishings	132 11
Brooms, brushes, mops, soap and cleaning appliances	26 49
Fuel	1,666 12
Electric light, gas, oil, candles	132 39
Water supply	19 55
Salaries and wages	2,446 98
Printing, stationery, etc	110 80
Insurance and rent	142 00
Ice supply	31 70
Contingencies	430 89
Repairs, ordinary	449 94
Telephone	.....
Total	$8,028 66
Government grant for 1920	$208 84

GENERAL HOSPITAL, GUELPH.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	53
Admitted	1,503
Births in Hospital	122
Total number under treatment	1,678
Discharged	1,549
Died	63
Under treatment 30th September, 1920	66
	1,678

Sex.

Male	763
Female	915
	1,678

Revenue.

Received from the Province of Ontario	$3,864 47
From the City of Guelph	9,310 90
From the County of Wellington	338 75
From other municipalities	.....
From paying patients	48,235 21
Subscriptions, donations, etc	5,171 10
From other sources, not enumerated	1,153 08
Bank overdraft, 1920	18,394 84
Total	$86,468 35

Expenditures.

Butchers' meat	$7,042 86
Butter and eggs	4,887 77
Flour, bread and meal	2,093 77

GENERAL HOSPITAL, GUELPH.—*Continued.*

Milk	$295 50
Tea and coffee	307 99
Potatoes and other vegetables	1,286 88
Groceries and provisions not enumerated	6,819 36
Drugs and medicines, surgical instruments and appliances	5,647 29
Beer, wine and spirits	272 00
Bedding, napery and general house furnishings	1,960 52
Brooms, brushes, mops, etc	1,705 72
Fuel	8,947 66
Electric light, gas, oil, candles	2,990 08
Water supply	245 58
Hay and straw	$760 01
Ice	292 00
Salaries and wages	21,304 47
Taxes, insurance and interest	3,455 46
Repairs, ordinary	1,897 64
Contingencies	2,284 79
Printing, stationery, etc	586 93
Clothing for patients	.....
Bank overdraft, 1919	10,961 96
Telephone	422 11
Total	$86, 468 35
Government aid for 1920	$4, 723 28

ST. JOSEPH'S HOSPITAL, GUELPH.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	39
Admitted	870
Births in Hospital	100
Total number under treatment	1,009
Discharged	925
Died	48
Under treatment, 30th September, 1920	36
	1,009

Sex.

Male	367
Female	642
	1,009

Revenue.

From the Province of Ontario	$2,333 58
From the City of Guelph	1,364 50
From the County of Wellington	2,291 00
From other municipalities of the Province	85 00
From paying patients	24,653 00
Subscriptions, donations, etc	863 00
Other sources	.....
Total	$31,591 07

Expenditures.

Butchers' meat and fish	$4,433 16
Butter and eggs	1,771 22
Flour, bread and meal	2,002 81
Milk	180 00
Tea and coffee	714 50
Potatoes and other vegetables	150 82
Groceries and provisions not enumerated	3,280 96
Drugs and medicines	1216 03
Medical and surgical appliances	1,052 87
Surgical instruments	1,418 54
Beer, wine and spirits	220 52
Bedding, napery and general furnishings	1,814 35
Brooms, brushes, mops, soap and cleaning appliances	304 10
Fuel	3,181 25
Electric light, gas, oil, candles	1,132 18
Water supply	161 33
Salaries and wages	3,720 10
Taxes, interest and insurance	1,170 00
Contingencies	842 16
Repairs, ordinary	2,366 23
Ice supply	270 00
Telephone	.....
Printing, stationery, etc	344 93
Clothing for patients	132 05
Total	$31,880 15
Government aid for 1920	$2,287 06

CITY HOSPITAL, HAMILTON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	331
Admitted	7,826
Births in Hospital	703
Total number under treatment	8,860
Discharged	7,984
Died	537
Under treatment, 30th September, 1920	339
	8,860

Sex.

Male	4,144
Female	4,716
	8,860

Revenue.

From the Province of Ontario	$18,843 25
From the City of Hamilton	200,807 25
From the County of Wentworth	.....
From patients for maintenance and treatment	161,370 17
From other sources	.....
Total	$381,020 67

Expenditures.

Butchers' meat	$29,542 63
Butter and eggs	21,645 96
Flour, bread and meal	7,540 24
Milk	17,697 11
Tea and coffee	4,104 20
Potatoes and other vegetables	8,213 19
Groceries and provisions not enumerated	34,717 43
Drugs and medicines	6,260 25
Medical and surgical appliances	21,649 73
Surgical instruments	.....
Beer, wine and spirits	684 86
Bedding, napery and general house furnishings	42,612 48
Brooms, brushes, mops, soap and cleaning appliances	7,219 03
Fuel	50,227 09
Electric light, gas, oil and candles	4,068 42
Water supply	3,832 51
Laboratory	3,097 41
Salaries and wages	124,391 64
Insurance and taxes	1,068 15
Contingencies	7,169 49
Repairs, ordinary	11,383 77
Clothing for patients	187 63
X-ray	2,953 25
Merchandise, printing and postage	3,632 29
Telephones and telegraphs	946 31
Night watchmen, service	352 04
Total	$415,197 11
Government grant for 1920	$26,941 80

ST. JOSEPH'S HOSPITAL, HAMILTON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	78
Admitted	2,485
Number of births	147
Total number under treatment	2,710
Discharged	2,516
Died	117
Under treatment, 30th September, 1920	77
	2,710

Sex.

Male	1,064
Female	1,646
	2,710

Revenue.

From the Province of Ontario	$5,909 51
From the City of Hamilton	2,734 00
Income from endowments, investments, etc	.....
From paying patients themselves	68,624 52
Subscriptions, donations and bequests in cash	1,329 85
From all other sources	770 65
Total	$79,368 53

ST. JOSEPH'S HOSPITAL, HAMILTON.—*Continued.*

Expenditures.

Butchers' meat and fish	$9,553 34
Butter and eggs	5,400 89
Flour, bread and meal	2,492 35
Milk	4,222 39
Tea and coffee	1,550 26
Potatoes and other vegetables	3,610 97
Groceries and other provisions not enumerated	6,836 60
Drugs and medicines	3,364 03
Medical and surgical appliances	3,804 71
Surgical instruments	698 44
Beer, wine and spirits	140 45
Bedding, etc	4,968 41
Brooms, brushes, mops, soap and cleaning appliances	1,089 06
Fuel	$5,468 30
Electric light, gas, oil and candles	903 68
Water supply	461 38
Clothing for patients, including boots and shoes	437 39
Ice supply	300 00
Salaries and wages	16,224 73
Taxes, insurance and interest	1,570 29
Contingencies	549 34
Repairs, ordinary	4,377 30
Printing, stationery, etc	811 49
Coffins and funerals	168 50
Total	$79,003 70
Government grant for 1920	$5,504 64

PROVIDENCE HOSPITAL, HAILEYBURY.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	27
Admitted	976
Births in Hospital	39
Total number under treatment	1,042
Discharged	965
Died	50
Under treatment, 30th September, 1920	27
	1,042

Sex.

Male	523
Female	519
	1,042

Revenue.

From Government of Ontario	$3,975 45
From Town of Haileybury	380 25
From patients for maintenance and treatment	39,320 29
From other municipalities	2,357 12
From subscriptions, bequests and donations of private individuals	1,790 68
From other sources	3,098 20
Income from endowments, etc	.....
Total	$50,921 99

Expenditures.

Butchers' meat	$3,246 07
Butter and eggs	2,344 51
Flour, bread and meal	982 47
Milk	2,097 28
Tea and coffee	631 32
Potatoes and other vegetables	1,920 20
Groceries and provisions not enumerated	2,218 99
Drugs, medicines	3,326 44
Medical and surgical appliances and surgical instruments	471 75
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	3,447 84
Brooms, brushes, etc	603 01
Fuel	3,419 54
Electric light, gas, oil, candles	741 37
Water supply	.....
Printing, stationery, etc	533 95
Hay and straw	286 90
Ice	205 00
Salaries and wages	5,710 87
Taxes and insurances	575 23
Repairs, ordinary	1,672 98
Contingencies	3,120 29
Clothing for patients	1,310 94
Total	$38,866 95
Government grant for 1920	$4,237 55

GENERAL HOSPITAL, INGERSOLL.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	7
Admitted	222
Births in Hospital	50
Total number under treatment	279
Discharged	244
Died	23
Under treatment, 30th September, 1920	12
	279

Sex.

Male	103
Female	176
	279

Revenue.

From the Province	$1,187 39
From the Town of Ingersoll	1,000 00
From the County of Oxford	500 00
From patients themselves for maintenance and treatment	7,197 75
From subscriptions, donations, and bequests from private individuals	5,430 50
From other sources	877 89
Total	$16,193 53

Expenditures.

Butchers' meat	$936 88
Butter and eggs	428 27
Bread	212 00
Milk	346 75
Tea and coffee	.....
Potatoes and other vegetables	105 25
Groceries and provisions not enumerated	1,468 40
Drugs and medicines	1,008 80
Medical and surgical appliances	115 05
Bedding, napery and general house furnishings	543 33
Brooms, brushes, mops, soap and cleaning appliances	16 00
Fuel	1,882 83
Electric light gas, oil, candles	115 71
Salaries and wages	2,908 33
Insurance and taxes	75 00
Contingencies	143 20
Repairs, ordinary and additions	474 15
Ice	62 00
Water	65 28
Advertising and printing	28 00
Beer, wine and spirits	25 73
Total	$10,952 96
Government grant for 1920	$1,183 70

GENERAL HOSPITAL, KENORA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October 1919	10
Admitted	240
Number of births in hospital.	34
Total number under treatment	284
Discharged	262
Died	10
Under treatment, 30th September, 1920	12
	284

Sex.

Male	134
Female	150
	284

Revenue.

From the Province of Ontario	$882 34
From the Town of Kenora	2,924 75
From other municipalities	84 00
From paying patients	4,691 17
Subscription, donations, etc	584 00
Care of lumber and railway camp cases	.....
From other sources	.....
Total	$9,166 26

Expenditures.

Potatoes and other vegetables	134 04
Butchers' meat and fish	1,344 87
Butter and eggs	409 01
Bread	216 44
Milk	316 81
Groceries and provisions not enumerated, flour and meal	1,485 58

GENERAL HOSPITAL, KENORA.—*Continued.*

Drugs and medicines and surgical appliances	$777 69	Contingencies	.....
Surgical instruments	.....	Repairs, ordinary	$304 24
Beer, wine and spirits	.....	Insurance	.....
Bedding, napery and general house furnishings	.....	Stationery, postage, etc	.....
Fuel	1,269 63	Hay and straw	.....
Electric light, gas, oil and candles and water	.....	Clothing for patients	.....
Ice	95 00	Brooms, mops, etc	.....
Salaries and wages	4,652 62	Total	$11,053 93
		Government aid for 1920	$2,146 60

ST. JOSEPH'S HOSPITAL, KENORA.

The following summaries show the operation of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	15
Admitted	288
Births in Hospital	8
Total number under treatment	311
Discharged	279
Died	17
Under treatment, 30th September, 1920	15
	311

Sex.

Male	186
Female	125
	311

Revenue.

From the Province of Ontario	$1,008 45
From the Town of Kenora	858 75
From Dominion Government	389 40
From patients themselves for maintenance and treatment	6,936 01
From subscriptions, donations and bequests of private individuals	535 84
From other sources	554 94
Total	$11,452 39

Expenditures.

Butchers' meat and fish	$915 98
Butter and eggs	1,296 12
Flour, bread and meal	450 23
Milk	593 15
Tea and coffee	194 40
Potatoes and other vegetables	211 14
Groceries and provisions not enumerated	845 41
Drugs and medicines	395 57
Surgical instruments	.....
Medical and surgical appliances	4 00
Beer, wine and spirits and mineral water	94 68
Bedding, napery and general house furnishings	752 54
Brooms, brushes, mops, soap and cleaning appliances	94 18
Fuel	860 57
Electric light, gas, oil and candles	61 11
Clothing for patients	297 85
Ice	50 00
Salaries and wages	1,093 75
Insurance	304 25
Contingencies	182 19
Repairs, ordinary	258 55
Hay and straw	915 50
Printing, stationery, etc	57 54
Coffins and funerals	.....
Total	$9,928 71
Government grant for 1920	$3,459 47

GENERAL HOSPITAL, KINCARDINE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	4
Admitted	271
Births in Hospital	43
Total number under treatment	318
Discharged	294
Died	19
Under treatment, 30th September, 1920	5
	318

GENERAL HOSPITAL, KINCARDINE.—*Continued.*

Sex.

Male	131
Female	187
	318

Revenue.

From the Province of Ontario	$750 82
From the Town of Kincardine	.....
From patients for maintenance and treatment	5,385 13
From subscriptions, donations and bequests from private individuals	522 00
From other sources	509 00
From County of Bruce	787 00
Total	$7,953 95

Expenditures.

Butchers' meat	$243 12
Butter and eggs	235 62
Flour, bread and meal	211 95
Milk	26 96
Tea and coffee	$66 95
Potatoes and other vegetables	25 06
Groceries and provisions not enumerated	01
Drugs and medicines	340 00
Medical and surgical appliances	1 12
Bedding, napery and general house furnishings, brooms, brushes, mops, soap and cleaning appliances	95 71
Fuel	130 65
Electric light, gas, oil and candles	938 93
Beer, wine and spirits	102 20
Ice supply	30 42
Salaries and wages	52 00
Contingencies	2,760 58
Repairs, ordinary	441 94
Hay and straw	685 19
Printing and postage	360 67
Taxes and insurance	.....
	132 50
Total	$7,003 71
Government grant for 1920	$770 20

GENERAL HOSPITAL, KINGSTON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	146
Admitted	3,496
Births in Hospital	165
Total number under treatment	3,807
Discharged	3,510
Died	168
Under treatment, 30th September, 1920	129
	3,807

Sex.

Male	1,838
Female	1,969
	3,807

Revenue.

From the Province of Ontario	$6,230 28
From the City of Kingston	15,000 00
From the County of Frontenac	1,800 00
From other municipalities in the Province	265 00
From paying patients themselves for treatment	89,666 35
Subscriptions, donations and bequests	6,327 50
From all other sources not enumerated	1,582 34
Total	$120,871 47

Expenditures.

Butchers' meat	$9,393 54
Butter and eggs	10,355 47
Flour, bread and meal	4,696 14
Milk	5,809 27
Tea and coffee	1,694 40
Potatoes and other vegetables	3,714 65
Groceries and provisions not enumerated	15,437 94
Drugs and medicines	3,355 47
Surgical instruments and appliances	5,040 80
Beer, wine and spirits	732 25
Bedding, napery and general house furnishings	5,729 82
Brooms, brushes, mops, soap and cleaning appliances	1,479 49
Fuel	9,419 83
Electric light, gas, oil and candles	4,866 22
Water supply	447 37
Ice	282 00
Salaries and wages	25,568 66
Insurance and taxes	575 58
Contingencies	6,997 63
Repairs, ordinary	4,750 85
Printing, stationery, etc.	1,430 30
Clothing for patients	22 00
Total	$121,799 68
Government grant for 1920	$8,738 11

HOTEL DIEU HOSPITAL, KINGSTON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	106
Admitted	2,065
Births in Hospital	126
Total number under treatment	2,297
Discharged	2,110
Died	84
Under treatment, 30th September, 1920	103
	2,297

Sex.

Male	1,032
Female	1,265
	2,297

Revenue.

From the Province of Ontario	$5,049 36
From the City of Kingston	5,000 00
From the County of Frontenac	2,000 00
From other municipalities	325. 00
From patients themselves for maintenance and treatment	45,489 80
Subscriptions, donations and bequests	5,383 82
From other sources not enumerated	11,855 88
Total	$75,103 86

Expenditures.

Butchers' meat	$8,090 05
Butter and eggs	6,654 05
Flour, bread and meal	2,874 38
Milk	3,414 62
Tea and coffee	1,895 90
Potatoes and other vegetables	3,974 11
Groceries and provisions not enumerated	8,650 69
Drugs and medicines	2,351 09
Medical and surgical appliances	3,970 25
Surgical instruments	33 95
Beer, wine and spirits	815 47
Bedding, napery and general house furnishings	6,142 17
Brooms, brushes, mops, soap and cleaning appliances	887 72
Fuel	8,837 41
Light: gas, oil and candles	3,240 82
Water supply	425 85
Ice	313 82
Salaries and wages	5,719 28
Taxes and insurance	2,379 14
Hay and straw	99 39
Contingencies	2,623 18
Repairs, ordinary	5,852 73
Printing, stationery, etc	582 53
Clothing for patients	211 05
Total	$80,039 65
Government grant for 1920	$6,895 25

KITCHENER AND WATERLOO HOSPITAL, KITCHENER.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	31
Admitted	1,247
Births in Hospital	129
Total number under treatment	1,407
Discharged	1,283
Died	69
Under treatment, 30th September, 1920	55
	1,407

Sex.

Male	677
Female	730
	1,407

Revenue.

From the Province of Ontario	$1,424 61
From the Town of Kitchener	5,500 00
From the County of Waterloo	4,000 00
From the Town of Waterloo	1,000 00
From patients for maintenance and treatment	30,392 85
From subscriptions, donations and bequests from private individuals	683 00
From other sources	428 41
Total	$43,429 87

Expenditures.

Butchers' meat	$3,083 65
Butter and eggs	2,573 31
Flour, bread and meal	1,039 57
Milk	1,691 64

KITCHENER AND WATERLOO HOSPITAL, KITCHENER.—*Continued.*

Tea and coffee	$207 70
Potatoes and other vegetables	377 55
Groceries and provisions not enumerated	3,881 46
Drugs and medicines	1,112 90
Medical and surgical appliances	2,282 30
Beer, wine and spirits	324 07
Bedding, napery and general house furnishings	51 25
Brooms, brushes, mops, soap and cleaning appliances	857 32
Fuel	3,202 62
Electric light, gas, oil and candles	$1,271 73
Ice supply	282 99
Salaries and wages	14,610 74
Insurance and taxes	80 26
Contingencies	3,185 52
Repairs, ordinary	1,147 06
Water supply	239 10
Total	$41,502 74
Government grant for 1920	$1,080 86

GENERAL HOSPITAL, LONDON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	215
Admitted	4,333
Births in Hospital	253
Total number under treatment	4,801
Discharged	4,347
Died	228
Under treatment, 30th September, 1920	226
	4,801

Sex.

Male	2,232
Female	2,569
	4,801

Revenue.

From the Province of Ontario	$9,497 15
From the City of London	128,386 15
From the County of Middlesex in payment of patients	5,058 12
From paying patients themselves	144,482 95
From income from property or investments	537 53
Subscriptions, donations and other sources	3,785 00
Bank overdraft	
	$291,746 90

Expenditures.

Butchers' meat	$30,070 06
Butter and eggs	22,997 14
Flour, bread and meal	6,732 21
Milk	12,765 10
Tea and coffee	2,666 84
Potatoes & other vegetables	6,476 37
Groceries and provisions not enumerated	20,739 58
Drugs and medicines	13,166 66
Surgical instruments	1,373 26
Medical and surgical appliances	9,353 60
Beer, wine and spirits	966 53
Bedding, napery and general house furnishings	16,820 69
Brooms, brushes, mops, soap and cleaning appliances	2,380 92
Fuel	40,844 46
Light: gas, oil and candles	2,984 68
Water	1,167 01
Ice	1,978 40
Salaries and wages	60,389 60
Insurance	3,886 27
Contingencies	11,051 33
Repairs, ordinary	3,707 65
Printing and stationery	1,529 23
Laundry	8,636 73
Bank overdraft	9,071 58
Total	$291,746 90
Government grant for 1920	$14,262 08

ST. JOSEPH'S HOSPITAL, LONDON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	121
Admitted	2,327
Births in Hospital	187
Total number under treatment	2,635
Discharged	2,435
Died	103
Under treatment, 30th September, 1920	97
	2,635

ST. JOSEPH'S HOSPITAL, LONDON.—*Continued.*

Sex.

Male	1,105
Female	1,530
	2,635

Revenue.

From the Province of Ontario	$1,575 14
From the City of London	1,378 75
From County of Middlesex	45 00
From other municipalities	
From paying patients	101,768 43
Subscriptions, donations, etc	
Other sources	
Total	$104,767 32

Expenditures.

Butchers' meat	$9,929 30
Butter and eggs	8,897 27
Flour, bread and meal	3,083 77
Milk	6,386 65
Tea and coffee	935 62
Potatoes and other vegetables	1,286 70
Fruit	2,418 85
Groceries and provisions not enumerated	$9,283 11
Drugs and medicines	4,949 23
Medical and surgical appliances	6,687 05
Beer, wine and spirits	1,077 89
Bedding, napery and general house furnishings	3,499 05
Brooms, brushes, mops, soap and cleaning appliances	1,413 25
Fuel	15,167 35
Light: gas, oil and candles	2,105 65
Water	330 37
Telephone	
Ice	723 40
Salaries and wages	11,014 77
Insurance, taxes and interest	7 214 20
Contingencies	1,181 74
Repairs, ordinary	6,943 72
Printing, stationery, postage, etc.	228 69
Total	104,752 63
Government grant for 1920	$1,693 12

VICTORIA HOME FOR INCURABLES, LONDON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	54
Admitted	24
Births in Hospital	
Total number under treatment	78
Discharged	10
Died	14
Under treatment, 30th September, 1920	54
	78

Sex.

Male	29
Female	49
	78

Revenue.

From the Province of Ontario	$7,609 17
From the City of London	2,021 20
From other municipalities in the Province	
From paying patients themselves	16,227 70
From subscriptions, donations, etc	3,500 00
From other sources	838 49
Total	$30,196 56

Expenditures

Butchers' meat and fish	$1,522 28
Butter and eggs	2,041 75
Flour, bread and meal	886 25
Milk	1,359 34
Tea and coffee	505 35
Potatoes and other vegetables	563 93
Groceries and provisions not enumerated	2,244 74
Drugs and medicines	260 17
Medical and surgical appliances	
Surgical instruments	
Beer, wine and spirits	120 36
Bedding, napery and general house furnishings	305 03
Brooms, brushes, mops, soap and cleaning appliances	424 38
Fuel	1,843 50
Electric light, gas, oil and candles	312 64
Water supply	157 96
Salaries and wages	6,969 39
Taxes and insurance	186 73
Contingencies	1,637 08
Repairs, ordinary	739 46
Clothing for patients	8 80
Hay and straw	
Printing and postage	57 74
Ice	72 25
Total	$22,221 13
Government grant for 1920	$7,121 80

BETHESDA HOSPITAL, LONDON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.	
Number under treatment, 1st October, 1919	411
Number admitted	374
Births in Hospital	
Total number under treatment	785
Discharged	733
Died	6
Under treatment, 30th September, 1920	46
	785

Sex.	
Male	171
Female	613
	785

Revenue.	
From the Province of Ontario	
From the City of London	$500 00
From County of Middlesex	
From other municipalities of the Province	
From paying patients	17,538 05
From property belonging to the Hospital	
From subscriptions, bequests and donations from private individuals	2,225 93
From other sources not enumerated	4,065 34
Total	$24,329 32

Expenditures.	
Butchers' meat	
Butter and eggs	
Flour, bread and meal	
Milk	
Tea and coffee	
Potatoes and other vegetables	
Groceries and provisions not enumerated	$9,142 83
Drugs and medicines	
Medical and surgical appliances	1,512 64
Bedding, napery and general house furnishings	3,482 21
Brooms, brushes, mops, soap and cleaning appliances	541 16
Fuel	975 74
Electric light, gas, oil, candles	326 44
Water supply	131 26
Ice supply	
Salaries and wages	1,423 60
Taxes and insurance	
Contingencies	1,047 66
Repairs, ordinary	127 23
Telephone	147 99
Printing, stationery, etc.	175 77
Laundry expenses	
Surgical instruments	
Total	$25,034 53
Government grant for 1920	$2,277 90

LISTOWEL MEMORIAL HOSPITAL, LISTOWEL.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.	
Number under treatment, 1st October, 1919	
Admitted	173
Births in the Hospital	5
Total number under treatment	178
Discharged	168
Died	2
Under treatment, 30th September, 1920	8
	178

Sex.	
Male	65
Female	113
	178

Revenue.	
From the Province of Ontario	
From the Town of Listowel	$2,000 00
From the County of Perth	1,500 00
From other municipalities	
From patients for maintenance and treatment	4,478 01
Income from endowments, investments, etc.	
From subscriptions, donations and bequests from private individuals	1,569 47
From all other sources	
Total	$9,547 48

Expenditures.	
Butchers' meat	$227 78
Butter and eggs	252 24

LISTOWEL MEMORIAL HOSPITAL, LISTOWEL.—*Continued.*

Flour, bread and meal	$49 15
Milk	166 00
Tea and coffee	8 65
Potatoes and other vegetables	48 81
Groceries and provisions not enumerated	356 50
Drugs and medicines	43 91
Medical and surgical appliances and surgical instruments	429 99
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	427 14
Brooms, brushes, mops, soap and cleaning appliances	$35 27
Fuel	586 53
Electric light, gas, oil, candles	67 77
Ice	20 25
Salaries and wages	2,417 98
Taxes and insurance	48 13
Printing, stationery, etc.	150 52
Contingencies	112 57
Repairs, ordinary	52 35
Water supply	12 50
Total	$5,514 04
Government grant for 1920	$556 76

THE ROSS MEMORIAL HOSPITAL, LINDSAY.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	32
Admitted	578
Births in Hospital	67
Total number under treatment	677
Discharged	606
Died	47
Under treatment, 30th September, 1920	24
	677

Sex.

Male	278
Female	399
	677

Revenue.

From the Province of Ontario	$1,032 89
From the Town of Lindsay	600 00
From the County of Victoria	1,100 00
From other municipalities	.....
From patients themselves for maintenance and treatment	15,438 20
Income from endowments	2,450 33
Subscriptions, donations and bequests of private individuals	15 75
From other sources not enumerated	3,445 66
Total	$24,082 83

Expenditures.

Butchers' meat	$1,876 55
Butter and eggs	1,520 00
Flour, bread and meal	676 97
Milk	968 58
Tea and coffee	292 30
Potatoes and other vegetables	585 09
Groceries and provisions not enumerated	1,321 33
Drugs and medicines	1,459 74
Medical and surgical appliances	1,978 20
Surgical instruments	66 15
Beer, wine and spirits	79 60
Bedding, napery and general house furnishings	1,389 59
Brooms, brushes, mops, soap and cleaning appliances	461 16
Fuel	1,856 47
Electric light, gas, oil and candles	86 24
Water supply	85 00
Clothing for patients, including boots and shoes	.....
Ice	150 00
Salaries and wages	5,761 60
Contingencies	2,034 90
Repairs, ordinary	378 77
Taxes and insurance	149 62
Stationery, postage, etc	288 88
Total	$23,466 74
Government grant for 1920	$1,183 40

GENERAL HOSPITAL, MATTAWA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	15
Admitted	315
Total number under treatment	330
Discharged	305
Died	10
Under treatment, 30th September, 1920	15
	330

GENERAL HOSPITAL, MATTAWA.—*Continued.*

Sex.

Male	267
Female	63
	330

Revenue.

From the Province of Ontario	$2,315 00
From the Town of Mattawa	100 00
From patients for maintenance and treatment	3,984 00
From subscriptions, bequests and donations of private individuals	165 00
From other sources	1,100 00
Total	$7,664 00

Expenditures.

Butchers' meat	$446 42
Butter and eggs	637 20
Flour, bread and meal	395 00
Groceries and provisions not enumerated	324 00
Drugs and medicines	162 75
Medical and surgical appliances	.....
Beer, wine and spirits	$104 00
Surgical instruments	.....
Bedding, napery and general house furnishings	175 00
Brooms, brushes, etc.	82 00
Fuel	852 00
Electric light, gas, oil, candles	380 00
Water supply	98 00
Milk	250 10
Tea and coffee	298 00
Potatoes and other vegetables	195 00
Printing, stationery, etc.	75 00
Hay and straw	248 00
Ice	67 25
Salaries and wages	2,032 00
Taxes and insurance	166 00
Repairs, ordinary	159 00
Contingencies	92 00
Clothing for patients	180 00
Coffins and funerals	79 00
Total	$7,497 72
Government grant for 1920	$2,433 66

GENERAL HOSPITAL, MIDLAND.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	16
Admitted	358
Births in Hospital	44
Total number under treatment	418
Discharged	386
Died	16
Under treatment, 30th September, 1920	16
	418

Sex.

Male	175
Female	243
	418

Revenue.

From the Province of Ontario	$703 74
From the Town of Midland	300 00
From the County of Simcoe	500 00
From other municipalities	.....
From patients themselves for maintenance and treatment	8,834 20
From subscriptions, donations and bequests from private individuals	206 90
From other sources	81 25
Total	10,626 09

Expenditures.

Butchers' meat	$402 38
Butter and eggs	632 82
Flour, bread and meal	408 60
Milk	167 23
Tea and coffee	106 79
Potatoes and other vegetables	109 48
Groceries and provisions not enumerated	796 02
Drugs and medicines	395 62
Surgical instruments and appliances	233 78
Beer, wine and spirits,	5 60
Bedding, napery and general house furnishings	437 67
Brooms, brushes, mops, soap and cleaning appliances	232 15
Fuel	588 03
Light: electric, gas, oil, and candles and X Ray	467 51
Water Supply	95 06
Ice	23 70
Salaries and wages	3159 71
Printing, stationery, etc.	98 28
Contingencies	288 06
Repairs, ordinary	217 10
Taxes and insurance	63 75
Laundry	666 76
Hay and straw	.....
Telephone	.....
Total	$9,596 10
Government grant for 1920	$708 68

LADY MINTO HOSPITAL, NEW LISKEARD.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	14
Admitted	284
Births in Hospital	23
Total number under treatment	321
Discharged	293
Died	19
Under treatment, 30th September, 1920	9
	321

Sex.

Male	189
Female	132
	321

Revenue.

From the Province of Ontario	$840 92
From the Town of New Liskeard	100 00
From other municipalities	
From Victorian Order	
From patients for maintenance and treatment	8,730 76
From subscriptions, donations and bequests from private individuals	1,951 18
From other sources	100 00
Total	$11,722 86

Expenditures.

Butchers' meat	$512 34
Butter and eggs	654 46
Flour, bread and meal	456 35
Milk	541 37
Tea and coffee	112 13
Potatoes and other vegetables	262 04
Groceries and provisions not enumerated	967 62
Drugs and medicines	391 69
Medical and surgical appliances	225 37
Beer, wine and spirits	57 00
Bedding, napery and general house furnishings	266 83
Brooms, brushes, mops, soap and cleaning appliances	87 99
Fuel	660 40
Electric light, gas, oil and power	245 56
Ice supply	85 20
Salaries and wages	3,687 30
Repairs, ordinary	363 05
Laundry	53 26
Printing, stationery, etc	229 94
Taxes and insurance	59 10
Contingencies	898 70
Nurses' Home Fund	1,199 15
Total	$12,016 85
Government grant for 1920	$912 34

GENERAL HOSPITAL, NIAGARA FALLS.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	23
Admitted	643
Births in Hospital	115
Total under treatment	781
Discharged	710
Died	45
Under treatment, 30th September 1920	26
	781

Sex.

Male	421
Female	360
	781

Revenue.

From the Province of Ontario	$1,189 55
From the Town of Niagara Falls	2,500 00
From the County of Welland	2,000 00
From other municipalities	500 00
From patients for maintenance and treatment	21,576 61
From subscriptions, donations, and bequests from private individuals	417 00
From other sources	1,457 39
Total	$29,640 55

Expenditures.

Butchers' meat	$2,063 61
Butter and eggs	1,652 76
Flour, bread and meal	640 72

GENERAL HOSPITAL, NIAGARA FALLS.—*Continued.*

Milk	$889	62	Fuel	$2,455	31
Tea and coffee	312	90	Electric light, gas, oil, candles	194	73
Potatoes and other vegetables	1,141	35	Ice supply	203	89
Groceries and provisions not enumerated	2,422	60	Salaries and wages	6,256	99
Drugs and medicines	1,575	79	Contingencies	157	88
Medical and surgical appliances	1,980	05	Repairs, ordinary	1,510	20
Surgical instruments	33	22	Taxes, insurance, rent	1,374	75
Beer, wine and spirits			Water supply	88	59
Bedding, napery and general house furnishings	2,096	21	Printing and postage	258	25
Brooms, brushes, mops, soap and cleaning appliances	291	39	Laundry and ambulance	453	05
			Telephone	68	65
			Bank overdraft	1,142	92
			Total	$29,255	63
			Government grant for 1920	$1,718	59

QUEEN VICTORIA MEMORIAL HOSPITAL, NORTH BAY.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	18
Admitted	519
Births in Hospital	54
Total number under treatment	591
Discharged	540
Died	28
Under treatment, 30th September, 1920	23
	591

Sex.

Male	330
Female	261
	591

Revenue.

From the Province of Ontario	$1,196 92
From the Town of North Bay	1,852 25
From other municipalities	185 00
From patients themselves for maintenance and treatment	13,012 20
Subscriptions, donations, etc.	157 79
From other sources	820 03
Bank overdraft	2,148 11
Total	$19,372 30

Expenditures.

Butchers' meat	$1,035 18
Butter and eggs	982 51
Flour, bread and meal	568 60
Milk	918 61
Tea and coffee	237 70
Potatoes and other vegetables	602 23
Groceries and provisions not enumerated	1,724 93
Drugs and medicines	341 47
Surgical instruments and appliances	304 35
Bedding, napery and general house furnishings	798 77
Brooms, brushes, mops, soap and cleaning appliances	268 75
Fuel	917 24
Electric light, gas, oil, candles	195 58
Water supply	25 75
Ice	80 00
Salaries and wages	6,201 86
Contingencies	1,491 65
Repairs, ordinary	1,286 78
Beer, wine and spirits	46 80
Taxes and insurance	41 85
Printing and postage	269 59
Surgical instruments	19 83
Bank overdraft	912 27
Total	$19,272 30
Government grant for 1920	$1,314 78

GENERAL HOSPITAL, ORANGEVILLE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	9
Admitted	168
Births in Hospital	23
Total number under treatment	200
Discharged	176
Died	13
Under treatment, 30th September, 1920	11
	200

GENERAL HOSPITAL, ORANGEVILLE.—*Continued.*

Sex.

Male	77
Female	123
	200

Revenue.

From the Province of Ontario	$957 48
From the Town of Orangeville	
From the County of Dufferin	700 00
From other municipalities	
From patients for maintenance and treatment	7,012 63
From endowments, investments, etc.	
From subscriptions, donations, and bequests from private individuals	404 01
From other sources	
Total	$9,074 12

Expenditures.

Butchers' meat	$416 65
Butter and eggs	842 42
Flour, bread and meal	291 19
Milk	500 74
Tea and coffee	$197 61
Potatoes and other vegetables	51 56
Groceries and provisions not enumerated	917 77
Drugs and medicines	431 62
Medical and surgical appliances	611 84
Beer, wine and spirits	
Bedding, napery and general house furnishings	381 31
Brooms, brushes, mops, soap and cleaning appliances	34 25
Fuel	337 44
Light: gas, oil and candles	83 44
Water	
Ice supply	34 75
Salaries and wages	1,950 00
Laundry	1,027 06
Contingencies	
Repairs, ordinary	89 38
Printing, stationery and postage	16 04
Taxes and insurance	
Telephone	
Total	$8,215 07
Government grant for 1920	$850 99

GENERAL HOSPITAL, ORILLIA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	28
Admitted	664
Births in Hospital	93
Total number under treatment	785
Discharged	738
Died	22
Under treatment, 30th September, 1920	25
	785

Sex.

Male	355
Female	430
	785

Revenue.

From the Province of Ontario	$1,181 70
From the Town of Orillia	500 00
From the County of Simcoe	500 00
From patients themselves for maintenance and treatment	15,722 22
From subscriptions, donations and bequests from private individuals	70 00
From other sources	195 25
Total	$18,169 17

Expenditures.

Butchers' meat	$903 94
Butter and eggs	597 38
Flour, bread and meal	662 74
Milk	1,063 81
Groceries and provisions not enumerated	3,733 79
Drugs and medicines	683 40
Medical and surgical appliances	340 66
Bedding, napery, and general house furnishings	254 30
Brooms, brushes, mops, soap and cleaning appliances	35 30
Fuel	2,081 17
Electric light, gas, oil and candles	369 12
Water supply	76 74
Beer, wine and spirits	
Salaries and wages	4,759 42
Taxes and insurance	359 74
Contingencies	319 50
Repairs, ordinary	582 62
Printing, stationery, etc.	1,368 88
Ice supply	63 70
Total	$18,256 21
Government grant for 1920	$1,818 85

GENERAL HOSPITAL, OSHAWA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	27
Admitted	995
Number of births in Hospital	136
Total number under treatment	1,158
Discharged	1,064
Died	51
Under treatment, 30th September, 1920	43
	1,158

Sex.

Male	508
Female	650
	1,158

Revenue.

From the Province of Ontario	$2,249 10
From the Town of Oshawa	680 00
From the County of Ontario	1,030 00
From paying patients	27,351 29
Subscriptions, donations, etc.	
From all other sources	127 85
Total	$31,438 24

Expenditures.

Butchers' meat and fish	$1,734 12
Butter and eggs	1,320 88
Flour, bread and meal	816 84
Milk	1,153 28
Tea and coffee	219 98
Potatoes and other vegetables	624 95
Groceries and provisions not enumerated	1,755 42
Drugs and medicines	985 61
Medical and surgical appliances	1,698 61
Beer, wine and spirits	61 25
Bedding, napery and general house furnishings	258 09
Brooms, brushes, mops, soap and cleaning appliances	424 01
Fuel	2,693 81
Electric light, gas, oil, candles	363 50
Water supply	187 93
Ice	192 10
Salaries and wages	8,819 60
Contingencies	591 36
Repairs, ordinary	1,334 63
Surgical instruments	
Printing, stationery and postage	279 08
Taxes and insurance	172 45
Total	$25,887 50
Government aid for 1920	$3,769 74

GENERAL PROTESTANT HOSPITAL, OTTAWA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	151
Admitted	3,110
Births in Hospital	
Total number under treatment	3,261
Discharged	2,988
Died	137
Under treatment 30th September, 1920	136
	3,261

Sex.

Male	1,570
Female	1,691
	3,261

Revenue.

From the Province of Ontario	$4,313 65
From the City of Ottawa	19,029 00
From the County of Carleton	1,800 00
From other municipalities	994 05
From patients themselves for maintenance and treatment	119,764 93
Income from endowments, investments, etc.	
Subscriptions, donations, and bequests of private individuals	5,675 00
From other sources not enumerated	263 60
Total	$151,840 23

Expenditures.

Butchers' meat	$12,068 97
Butter and eggs	9,636 17
Flour, bread and meal	3,883 11
Milk	7,820 77

GENERAL PROTESTANT HOSPITAL, OTTAWA--*Continued.*

Tea and Coffee	$1,067 32
Potatoes and other vegetables	2,809 20
Groceries and provisions not enumerated	14,475 08
Drug and medicines	5,879 81
Medical and surgical appliances	15,127 72
Surgical instruments	817 87
Beer, wine and spirits	1,063 81
Bedding, napery and general house furnishings	3,092 28
Brooms, brushes, mops, soap and cleaning appliances	2,948 51
Fuel	8,594 96
Electric light gas, oil, candles	2,687 18
Water supply	$833 42
X-Ray	9,468 63
Ice	434 20
Salaries and Wages	39,722 76
Taxes and insurance, rent	1,340 50
Contingencies	1,946 26
Repairs, ordinary	3,177 92
Interest	1,145 45
Printing, Stationery, etc.	2,110 53
Total	$152,148 43
Government grant for 1920	$5,475 00

ROMAN CATHOLIC HOSPITAL, OTTAWA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	172
Admitted	4,064
Births in Hospital	7
Total number under treatment	4,243
Discharged	3,885
Died	189
Under treatment, 30th September, 1920	169
	4,243

Sex.

Male	1,974
Female	2,269
	4,243

Revenue.

From the Province of Ontario	$7,499 61
From the City of Ottawa	29,887 37
From the County of Carleton	300 00
From other municipalities	
From patients themselves for maintenance and treatment	104,168 06
Income from property	
Subscriptions, donations and bequests of private individuals	10,736 63
From all other sources not enumerated	
Total	$152,591 69

Expenditures.

Butchers' meat	$10,699 83
Butter and eggs	9,694 13
Flour, bread and meal	3,706 32
Milk	6,065 10
Tea and coffee	1,636 35
Potatoes and other vegetables	2,541 24
Groceries and provisions not enumerated	10,518 82
Drugs and medicines	8,151 70
Medical and surgical appliances	9,694 75
Surgical instruments	2,248 04
Beer, wine and spirits	1,992 62
Bedding napery and general house furnishings	14,138 91
Brooms, brushes, mops, soap and cleaning appliances	1,933 16
Fuel	10,271 21
Electric light, gas, oil, candles	3,268 20
Water supply	538 52
Clothing for patients, including boots and shoes	2,384 46
Ice	713 38
Salaries and wages	26,104 80
Taxes and insurance	1,673 99
Contingencies	520 47
Repairs, ordinary and additions	5,526 25
Printing stationery, etc.	1,336 64
Telephones	
Radiographic Dept	
Total	$135, 358 89
Government grant for 1920	$9, 756 49

MATERNITY HOSPITAL, OTTAWA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	41
Admitted	695
Number of births	668
Total number under treatment	1,404
Discharged	1,353
Died	19
Under treatment, 30th September, 1920	32
	1,404

Sex.

Male	343
Female	1,061
	1,404

Revenue.

From the Province of Ontario	474 90
From the City of Ottawa	2,200 00
From the County of Carleton	100 00
From paying patients themselves	31,502 15
From subscriptions and donations	653 35
From other sources	
Total	$34,930 40

Expenditures.

Butchers' meat	$2,177 89
Butter and eggs	2,107 36
Flour, bread and meal	749 75
Milk	1,134 30
Tea and coffee	303 62
Potatoes and other vegetables	1,332 77
Groceries and provisions not enumerated	1,254 19
Drugs and medicines	984 18
Medical and surgical appliances	323 79
Surgical dressings	3,231 02
Bedding, napery and general house furnishings	974 12
Brooms, brushes, mops, soap and cleaning appliances	254 00
Fuel	1,307 49
Gas, oil, candles and electric light and power	717 47
Water supply	224 41
Beer, wine and spirits	
Ice	181 60
Salaries and wages	10,874 00
Stationery, printing, etc.	409 54
Contingencies	346 70
Repairs, ordinary	1,033 36
Taxes and insurance	6 43
Laundry	987 55
Rent	1,105 00
Total	$32,070 54
Government grant for 1920	$582 90

MISERICORDIA MATERNITY HOSPITAL, OTTAWA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	152
Admitted	407
Births in Hospital	288
Total number under treatment	847
Discharged	703
Died	1
Under treatment, 30th September, 1920	143
	847

Sex.

Male	237
Female	610
	847

Revenue.

From the Province of Ontario	$3,655 40
From the City of Ottawa	1,562 50
From the County of Carleton	50 00
From patients themselves for maintenance and treatment	6,363 45
Subscriptions, donations and bequests	15,987 95
From other sources not enumerated	5,585 13
Total	$33,404 43

Expenditures.

Butchers' meat	$3,298 32
Butter and eggs	1,118 39
Flour, bread and meal	1,681 99
Milk	3,277 33
Tea and coffee	463 97
Potatoes and other vegetables	876 99

MISERICORDIA MATERNITY HOSPITAL, OTTAWA —*Continued.*

Groceries and provisions not enumerated	$5,913 34
Drugs and medicines	497 48
Medical and surgical appliances	1,485 43
Surgical instruments	
Beer, wine and spirits	96 59
Bedding, napery and general house furnishings	985 90
Brooms, brushes, mops, soap and cleaning appliances	106 35
Fuel	3,779 15
Light: gas, oil, and candles	785 92
Water supply	498 73
Hay and straw	$282 16
Clothing for patients, including boots and shoes	2,066 89
Ice	75 74
Salaries and wages	3,624 40
Taxes and insurance	544 84
Contingencies	133 95
Repairs, ordinary	
Printing, stationery, etc.	408 52
Coffins and funerals	140 60
Total	$32,142 98
Government grant for 1920	$2,239 19

ST LUKE'S GENERAL HOSPITAL, OTTAWA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	109
Admitted	2,374
Births in Hospital	2
	2,485
Total number under treatment	
Discharged	2,290
Died	69
Under treatment, 30th September, 1920	126
	2,485

Sex.

Male	1,425
Female	1,060
	2,485

Revenue.

From the Province of Ontario	$2,931 25
From the City of Ottawa	9,213 00
From the County of Carleton	300 00
From paying patients themselves	107,700 54
Income from investments	253 13
From subscriptions and donations	396 56
From other sources	4,720 00
Total	$125,514 48

Expenditures.

Butchers' meat	$10,560 95
Butter and eggs	9,085 72
Flour, bread and meal	3,051 83
Milk	5,824 11
Tea and coffee	790 51
Potatoes and other vegetables	2,907 72
Groceries and provisions not enumerated	12,673 31
Drugs and medicines	5,194 62
Medical and surgical appliances	12,654 58
Surgical instruments	579 14
Beer, wine and spirits	666 52
Bedding, napery and general house furnishings	1,727 81
Brooms, brushes, mops, soap and cleaning appliances	1,002 42
Fuel	11,119 60
Gas, oil, candles and electric light	1,390 95
Ice	56 00
Salaries and wages	34,804 87
Taxes, insurance and interest	126 92
Contingencies	1,753 89
Repairs, ordinary	3,754 05
Printing and postage	939 50
Clothing for patients	
Water supply	630 31
X-Ray supply	1,800 45
Total	$123,095 78
Government grant for 1920	$2,828 27

THE PERLEY HOME FOR INCURABLES, OTTAWA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	46
Admitted	17
Births in Hospital	
Total number under treatment	63
Discharged	5
Died	13
Under treatment, 30th September, 1920	45
	63

Sex.

Male	20
Female	43
	63

Revenue.

From the Province of Ontario	$6,378 92
From the City of Ottawa	2,750 00
From the County of Carleton	
From other municipalities	
From patients themselves for maintenance and treatment	5,499 25
Subscriptions, donations and bequests	1,784 65
From other sources not enumerated	1,778 00
Total	$18,190 82

Expenditures.

Butchers' meat	$1,253 07
Butter and eggs	985 77
Flour, bread and meal	746 20
Milk	816 29
Tea and coffee	315 85
Potatoes and other vegetables	330 02
Groceries and provisions not enumerated	1,330 66
Drugs and medicines	195 80
Medical and surgical appliances	
Surgical instruments	
Beer, wine and spirits	
Bedding, napery and general house furnishings	
Brooms, brushes, mops, soap and cleaning appliances	97 31
Fuel	3,749 18
Light: gas, oil, and candles	290 55
Water supply	
Ice	118 60
Salaries and wages	5,640 60
Taxes and insurance	231 21
Hay and straw	
Contingencies	1,651 70
Repairs, ordinary	324 25
Printing, stationery, etc	19 31
Clothing for patients	
Total	$18,096 37
Government grant for 1920	$5,803 70

GENERAL AND MARINE HOSPITAL, OWEN SOUND.

The following summaries show the operations of the Hospital, during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	33
Admitted	817
Births in Hospital	117
Total number under treatment	967
Discharged	872
Died	49
Under treatment, 30th September, 1920	46
	967

Sex..

Male	384
Female	583
	967

Revenue.

From the Province of Ontario	$975 11
From the Town of Owen Sound	1,000 00
From the County of Grey	
From other municipalities	100 00
From patients themselves for maintenance and treatment	27,517 04
From subscriptions, bequests and donations of private persons	143 00
From all other sources not enumerated	2,508 12
Total	$32,243 27

Expenditures.

Butchers' meat and fish	$2,572 76
Butter and eggs	702 86
Flour, bread and meal	348 35
Milk	1,435 77

GENERAL AND MARINE HOSPITAL, OWEN SOUND.—*Continued*

Tea and coffee			Electric light, gas, oil	616	08
Potatoes and other vegetables	341	75	Ice	231	75
Groceries and provisions not enumerated	7,519	60	Salaries and wages	7,831	97
Drugs and medicines	1,838	69	Insurance and interest	477	31
Medical and surgical appliances	522	74	Contingencies	145	06
Beer, wine and spirits	38	75	Repairs, ordinary	1,126	61
Bedding, napery and general house furnishings	444	83	Printing, stationery, etc.	396	53
Brooms, brushes, mops, soap and cleaning appliances	75	63	Freight and cartage	280	75
Fuel	735	24	X-Ray expenses	1,639	94
			Total	$29,313	99
			Government grant for 1920	$1,766	15

GENERAL HOSPITAL, PARRY SOUND.

The following summaries show the operations of the Hospital, during the official year.

Movements of Patients.

Number under treatment, 1st October, 1919	13
Admitted	297
Number of births in Hospital	17
Total number under treatment	327
Discharged	299
Died	13
Under treatment, 30th September, 1920	15
	327

Sex.

Male	218
Female	109
	327

Revenue.

From the Province of Ontario	$1,273 31
From Town of Parry Sound	
From paying patients	10,392 36
Subscriptions, donations, etc.	110 45
Other sources	
	11,776 12

Expenditures.

Butchers' meat	945 75
Butter and eggs	758 72
Flour, bread and meal	460 27
Milk	188 54
Tea and coffee	192 06
Potatoes and other vegetables	175 48
Groceries and provisions not enumerated	1,404 24
Drugs and medicines	731 94
Medical and surgical appliances	509 84
Surgical instruments	8 34
Beer, wine and spirits	77 50
Bedding, napery and general house furnishings	218 25
Brooms, brushes, mops, soap and cleaning	138 45
Fuel	741 60
Electric light, gas, oil	118 77
Water supply	46 03
Ice supply	52 00
Printing, stationery, etc.	80 04
Salaries and wages	4,218 19
Contingencies	203 60
Repairs, ordinary	91 40
Taxes and insurance	130 00
Hay and straw	46 85
Clothing for patients	
Total	$11,537 86
Government grant for 1920	$1,184 22

ST. JOSEPH'S GENERAL HOSPITAL, PARRY SOUND

The following summaries show the operations of the Hospital during the official year.

Movements of Patients.

Number under treatment, 1st October, 1919	18
Admitted	299
Births in Hospital	50
Total number under treatment	367
Discharged	336
Died	24
Under treatment, 30th September, 1920	7
	367

ST. JOSEPH'S GENERAL HOSPITAL, PARRY SOUND—*Continued.*

Sex.

Male	173
Female	194
	367

Revenue.

From the Province of Ontario	$1,309 46
From Town of Parry Sound	103 75
From other municipalities of the Province	
From patients themselves for maintenance and treatment	7,299 82
From subscriptions, donations and bequests from private individuals	
From all other sources	528 13
Total	$9,241 16

Expenditures.

Butchers' meat	$812 39
Butter and eggs	626 17
Flour, bread and meal	580 81
Milk	$267 78
Tea and coffee	312 72
Potatoes and other vegetables	229 50
Groceries and provisions not enumerated	1,104 80
Drugs and medicines	97 00
Surgical instruments and appliances	227 06
Beer, wine and spirits	48 90
Bedding, napery and general house furnishings	391 02
Brooms, brushes, mops, soap and cleaning appliances	165 62
Fuel	1,205 25
Electric light, gas, oil, candles	142 44
Water supply	56 75
Salaries and wages	914 20
Ice supply	61 00
Contingencies	426 95
Repairs, ordinary	404 84
Printing and postage	98 65
Hay and straw	127 17
Taxes and insurance	123 00
Clothing for patients	
Total	$8,424 02
Government grant for 1920	$1,801 63

GENERAL HOSPITAL, PEMBROKE.

The following summaries show the operations of the Hospital during the official year;

Movements of Patients.

Number under treatment, 1st October, 1919	39
Admitted	985
Births in Hospital	42
Total number under treatment	1,066
Discharged	947
Died	66
Under treatment, 30th September, 1920	53
	1,066

Sex.

Male	494
Female	572
	1,066

Revenue.

From the Province of Ontario	$3,630 00
From the County of Renfrew	2,277 73
From Town of Pembroke	
From other municipalities	
From patients themselves	19,712 62
From subscriptions, bequests and donations of private individuals	$284 00
From all other sources	705 00
Total	26,609 35

Expenditures.

Butchers' meat	2,300 00
Butter and eggs	1,669 26
Flour, bread and meal	1,175 40
Milk	77 51
Tea and coffee	405 00
Potatoes and other vegetables	681 79
Groceries and provisions not enumerated	2,069 39
Surgical instruments	30 40
Drugs and medicines	414 93
Medical and surgical appliances	174 62
Beer, wine and spirits	72 00
Bedding, napery and general house furnishings	225 65
Brooms, brushes, mops, soap and cleaning appliances	419 44
Fuel	4,061 84
Electric light, gas, oil and candles	677 04

GENERAL HOSPITAL, PEMBROKE—*Continued.*

Water	100 00	Printing, stationery, etc.	241 40
Hay and straw	327 00	Hardware	
Clothing for patients, including boots and shoes	261 08	X-Ray	
Ice	58 50	Telephone	
Salaries and wages	4,975 00	Interest and exchange	4,500 68
Contingencies	219 05	Total	$26,299 34
Repairs, ordinary	648 62		
Taxes and insurance	513 74	Government grant for 1920	$4,657 11

COTTAGE HOSPITAL, PEMBROKE.

The following summaries show the operations of the Hospital, during the official year:

Movements of Patients

Number under treatment, 1st October, 1919	15
Admitted	392
Births in Hospital	20
Total number under treatment	427
Discharged	383
Died	23
Under treatment, 30th September, 1920	21
	427

Sex.

Male	210
Female	217
	427

Revenue.

From the Province of Ontario	$728 55
From the County of Renfrew	686 06
From Town of Pembroke	1,000 00
From patients themselves for maintenance and treatment	10,029 48
From endowments, investments, etc.	251 00
From subscriptions, donations and bequests from private individuals	1,676 00
From other sources	2,994 43
Total	$17,365 52

Expenditures.

Butchers' meat	$887 79
Butter and eggs	698 84
Flour, bread and meal	539 12
Milk	974 60
Tea and coffee	51 25
Potatoes and other vegetables	199 90
Groceries and provisions not enumerated	1,544 67
Drugs and medicines	594 64
Medical and surgical appliances	244 79
Surgical instruments	
Beer, wine and spirits	37 65
Bedding, napery and general house furnishings	584 87
Brooms, brushes, mops, soap and cleaning appliances	76 64
Fuel	1,695 73
Electric light, gas, oil, and candles	374 58
Water supply	57 60
Salaries and wages	5,403 50
Taxes and insurance	289 57
Hay and straw	
Contingencies	383 53
Repairs, ordinary	799 69
Ice supply	93 00
Printing, postage, etc.	163 12
Clothing for patients	
Total	$15,695 08
Government grant for 1920	$1,247 24

GENERAL HOSPITAL, PENETANGUISHENE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients

Number under treatment, 1st October, 1919	9
Admitted	139
Births in Hospital	39
Total number under treatment	187
Discharged	173
Died	9
Under treatment, 30th September, 1920	5
	187

GENERAL HOSPITAL, PENETANGUISHENE—*Continued.*

Sex.

Male	74
Female	113
	187

Revenue.

From the Province	$355 87
From the Town of Penetang	500 00
From the County of Simcoe	500 00
From other municipalities	
From patients themselves for maintenance and treatment	2,832 86
From subscriptions, donations and bequests from private individuals	
From other sources	3,130 52
Total	$7,319 25

Expenditures.

Butchers' meat	$298 78
Butter, eggs and milk	150 00
Flour, bread and meal	218 52
Milk	264 04
Tea and coffee	20 00
Potatoes and other vegetables	65 00
Groceries and provisions not enumerated	1,375 61
Drugs and medicines	364 15
Medical and surgical appliances	240 00
Beer, wine and spirits	42 00
Bedding, napery and general house furnishings	84 72
Brooms, brushes, mops, soap and cleaning appliances	19 45
Fuel	290 00
Light: gas, oil and candles	67 63
Salaries and wages	1,888 90
Taxes and insurance	18 90
Contingencies	87 45
Laundry, etc.	750 29
Ice	15 30
Repairs, ordinary	608 76
Printing and postage	20 50
Total	$6,890 00
Government grant for 1920	$550 68

THE NICHOLLS' HOSPITAL, PETERBOROUGH

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	61
Admitted	1,296
Births in Hospital	171
Total number under treatment	1,528
Discharged	1,383
Died	90
Under treatment, 30th September, 1920	55
	1,528

Sex.

Male	626
Female	902
	1,528

Revenue.

From the Province of Ontario	$2,122 19
From the City of Peterborough	4,573 00
From patients themselves for maintenance and treatment	37,825 01
From property belonging to Hospital, endowments, etc.	11,361 14
From subscriptions, donations and bequests from private individuals	24 50
Total	$55,905 84

Expenditures.

Butchers' meat	$3,832 01
Butter and eggs	1,683 16
Flour, bread and meal	1,545 92
Milk	1,704 17
Tea and coffee	425 00
Potatoes and other vegetables	1,941 45
Groceries and provisions not enumerated	5,186 48
Drugs and medicines	1,938 44
Surgical instruments and appliances	4,271 74
Beer, wine and spirits	174 14
Bedding, napery and general house furnishings	5,523 43
Brooms, brushes, mops, soap and cleaning appliances	657 53
Fuel	5,545 15
Electric light, gas, oil, candles	1,117 98
Water supply	200 00
Clothing for patients	
Ice	238 80
Salaries and wages	13,326 19
Taxes and insurance	1,191 68
Hay and straw	
Contingencies	1,098 67
Printing, stationery, etc.	500 00
Repairs, ordinary	4,970 91
Total	$57,072 85
Government grant for 1920	$2,129 19

ST. JOSEPH'S HOSPITAL, PETERBOROUGH.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	23
Admitted	783
Births in Hospital	55
Total number under treatment	861
Discharged	804
Died	25
Under treatment, 30th September, 1920	32
	861

Sex.

Male	369
Female	492
	861

Revenue.

From the Province of Ontario	$1,720 98
From the City of Peterborough	
From patients themselves for maintenance and treatment	18,066 00
From subscriptions, donations and bequests from private individuals	
From all other sources	50 29
Total	$19,837 27

Expenditures.

Butchers' meat	$1,017 48
Butter and eggs	888 01
Flour, bread and meal	831 21
Milk	801 24
Tea and coffee	176 20
Potatoes and other vegetables	706 47
Groceries and provisions not enumerated	2,133 70
Drugs and medicines	700 81
Medical and surgical appliances	2,588 90
Beer wine and spirits	46 61
Bedding, napery and general house furnishings	1,151 14
Brooms, brushes, mops, soap and cleaning appliances	439 42
Fuel	2,550 70
Electric light, gas, oil and power	608 94
Water supply	144 25
Hay and straw	89 93
Clothing for sisters	
Salaries and wages	2,498 57
Printing, stationery, etc.	89 04
Contingencies	127 44
Taxes and insurance	12 75
Repairs, ordinary	2,141 43
Ice supply	40 00
Surgical instruments	
Total	$19,784 24
Government grant for 1920	$1,626 51

CHARLOTTE ELEANOR ENGLEHART HOSPITAL, PETROLEA

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	20
Admitted	230
Number of births in Hospital	46
Total number under treatment	296
Discharged	254
Died	20
Under treatment, 30th September, 1920	22
	296

Sex.

Male	109
Female	187
	296

Revenue.

From the Province of Ontario	$1,090 65
From the Town of Petrolea	1,000 00
From the County of Lambton	2,000 00
From paying patients	9,504 02
Subscriptions, donations, etc.	2,535 00
From other sources	723 86
Total	$16,853 53

Expenditures.

Butchers' meat and fish	$508 84
Butter and eggs	1,035 39
Flour, bread and meal	
Milk	61 20
Tea and coffee	
Potatoes and other vegetables	
Groceries and provisions not enumerated	2,644 42
Drugs and medicines	1,102 41

CHARLOTTE ELEANOR ENGLEHART HOSPITAL, PETROLEA—*Continued.*

Medical and surgical appliances		Contingencies	410 63
Beer, wine and spirits		Repairs, ordinary	237 39
Bedding, napery and general house furnishings	691 59	Laundry	629 73
Brooms, brushes, mops, soap and cleaning appliances		Printing, stationery and postage	88 09
Fuel	1,738 78	Ice	74 00
Electric light, gas, oil, candles	348 74	Taxes and insurance	391 30
Water supply	75 00	Grounds	1,365 47
Hay and Straw	308 00	Total	$16,313 75
Salaries and wages	4,602 77	Government aid for 1920	$1,644 22

PRINCE EDWARD COUNTY HOSPITAL, PICTON

The following summaries show the operations of the Hospital, during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	7
Admitted	259
Births in Hospital	20
Total under treatment	286
Discharged	269
Died	10
Under treatment, 30th September, 1920	7
	286

Sex.

Male	113
Female	173
	286

Revenue.

From the Province of Ontario	.....
From the Town of Picton	.....
From County of Prince Edward	.....
From patients for maintenance and treatment	5,294 75
From subscriptions, donations, and bequests from private individuals	72 25
From all other sources	8,292 61
Total	$13,659 61

Expenditures.

Butchers' meat	$378 53
Butter and eggs	221 63
Flour, bread and meal	158 16
Milk	216 00
Tea and coffee	.....
Potatoes and other vegetables	54 38
Groceries and provisions not enumerated	879 41
Drugs and medicines	639 65
Medical and surgical appliances	.....
Surgical instruments	263 25
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	2,188 96
Brooms, brushes, mops, soap and cleaning appliances	277 75
Fuel	439 86
Light: gas, oil and candles	229 67
Ice supply	12 60
Salaries and wages	2,837 70
Stationery, printing, postage, etc	76 50
Contingencies	86 00
Repairs, ordinary	.....
Laundry	.....
Taxes and insurance	86 00
Hay and straw	.....
Water supply	.....
Total	$9,046 05
Government grant for 1920	712 37

RAILWAY, MARINE AND GENERAL HOSPITAL, PORT ARTHUR

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number, under treatment, 1st October, 1919	36
Admitted	835
Births in Hospital	88
Total number under treatment	959
Discharged	896
Died	29
Under treatment, 30th September, 1920	34
	959

RAILWAY, MARINE AND GENERAL HOSPITAL, PORT ARTHUR—*Continued.*

Sex.

Male	535
Female	424
	959

Revenue.

From the Province of Ontario	$2,402 54
From the City of Port Arthur	4,566 93
From patients themselves for maintenance and treatment	27,308 54
From subscriptions, donations and bequests from private individuals	248 57
From other sources	2,594 51
Total	$37,121 09

Expenditures

Butchers' meat	2,788 61
Butter and eggs	2,533 81
Flour, bread and meal	1,061 51
Mik	1778 71
Tea and coffee	$392 55
Potatoes and other vegetables	655 17
Groceries and provisions not enumerated	2,411 98
Drugs and medicines	1,026 68
Surgical and medical appliances	2,197 48
Beer, wine and spirits	236 40
Bedding, napery and general house furnishings	1,679 13
Fuel	2,824 61
Brooms, brushes, mops, soap and cleaning appliances	747 57
Electric light, gas, oil, candles	1,032 47
Water supply	194 59
Ice	381 10
Salaries and wages	11,579 29
Taxes and insurance	565 40
Stationery, printing, etc	122 56
Contingencies	621 71
Repairs, ordinary	1,413 58
Surgical instruments	120 67
Clothing for patients	177 53
Total	$36,543 11

Government grant for 1920 $3,328 98

ST. JOSEPH'S HOSPITAL, PORT ARTHUR.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	48
Admitted	1204
Births in Hospital	121
Total number under treatment	1373
Discharged	1264
Died	69
Under treatment, 30th September, 1920	40
	1373

Sex.

Male	721
Female	652
	1373

Revenue.

From the Province of Ontario	$2,886 81
From the City of Port Arthur	4,819 18
From patients themselves for maintenance and treatment	33,058 97
From subscriptions, donations and bequests from private individuals	3,151 00
From other sources	.....
Total	$43,915 96

Expenditures.

Butchers' meat and fish	$2,197 03
Butter and eggs	2,503 34
Flour, bread and meal	1,692 76
Milk	1,539 59
Tea and coffee	322 60
Potatoes and other vegetables	485 65
Groceries and provisions not enumerated	5,724 86
Drugs and medicines	1,307 25
Surgical and medical appliances	1,084 70
Beer, wine and spirits	70 00
Bedding, napery and general house furnishings	2,796 43
Fuel	11,164 00
Brooms, brushes, mops, soap and cleaning appliances	202 67
Electric light, gas, oil and Power	130 57
Water supply	107 67
Ice	193 90
Salaries and wages	5,154 80
Taxes and insurance	551 38
Stationery, printing, etc	.....
Contingencies	535 91
Repairs ordinary	1,504 41
Hay and straw	128 25
Clothing for patients	.....
X-ray machine	2,068 23
Insurance and interest	5,198 25
Total	$46,664 25

Government grant for 1920 .... $3,727 80

GENERAL HOSPITAL, PORT HOPE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	10
Admitted	278
Births in Hospital	39
Total number under treatment	327
Discharged	283
Died	27
Under treatment, 30th September, 1920	17
	327

Sex.

Male	142
Female	185
	327

Revenue.

From the Province of Ontario	$1,094 31
From City of Port Hope	500 00
From County of Durham	750 00
From other municipalities	200 00
From endowments, investments, etc	829 12
From patients themselves for maintenance and treatment	9,365 35
From subscriptions, donations and bequests from private individuals	717 63
From other sources	36 75
Total	$13,493 16

Expenditures.

Butchers' meat	$1,014 31
Butter and eggs	588 06
Bread	304 50
Milk	135 27
Tea and coffee	132 45
Potatoes and other vegetables	397 51
Groceries and other provisions not enumerated	1,128 50
Drugs and medicines, medical and surgical appliances	811 18
Bedding, napery and general house furnishings	919 08
Brooms, brushes, mops, soap and cleaning appliances	156 77
Fuel	812 94
Light, gas, oil and candles	278 62
Salaries and wages	5,100 42
Insurance and taxes	281 35
Contingencies	91 06
Repairs, ordinary	193 65
Ice	25 85
Water	64 63
Printing, stationery, postage	217 17
Hay and straw	278 52
Beer, wine and spirits	7 60
Surgical instruments	71 34
Total	$13,010 78
Government grant for 1920	$1,460 27

VICTORIA GENERAL HOSPITAL, RENFREW.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	21
Admitted	550
Births in Hospital	96
Total number under treatment	667
Discharged	604
Died	37
Under treatment, 30th September, 1920	26
	667

Sex.

Male	281
Female	386
	667

Revenue.

From the Province of Ontario	$903 07
From the Town of Renfrew	3,500 00
From the County of Renfrew	.....
From other municipalities	.....
From patients for maintenance and treatment	13,046 55
From subscriptions, donations and bequests from private individuals	438 70
Total	$17,888 32

VICTORIA GENERAL HOSPITAL, RENFREW.—*Continued.*

Expenditures.

Butchers' meat	$1,615 70
Butter and eggs	1,074 66
Flour bread and meal	824 10
Milk	1,103 48
Tea and coffee	205 51
Potatoes and other vegetables	135 70
Groceries and provisions not enumerated	1,925 53
Medical and surgical appliances	642 36
Surgical instruments	.....
Drugs and medicines	1,681 44
Bedding, napery and general house furnishings	979 98
Fuel	$1,752 13
Electric light, gas, oil, candles	224 50
Water supply	24 50
Ice supply	132 10
Salaries and wages	5,528 25
Contingencies	1,245 05
Repairs, ordinary	133 30
Brooms, brushes and cleaning	226 87
Clothing for patients	.....
Beer, wine and spirits	106 50
Total	$19,561 66
Government grant for 1920	$1,274 58

GENERAL AND MARINE HOSPITAL, ST. CATHARINES.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	51
Admitted	1139
Births in Hospital	332
Total number under treatment	1522
Discharged	1375
Died	88
Under treatment, 30th September, 1920	59
	1522

Sex.

Male	644
Female	878
	1522

Revenue.

From the Province of Ontario	$1,620 15
From the City of St. Catherines	7,500 00
From the County of Lincoln	1,642 75
From other municipalities	.....
From patients themselves for maintenance and treatment	35,409 67
From endowments, investments, or other property belonging to the Hospital	591 81
From subscriptions, bequests and donations of private persons	5,317 72
From all other sources not above enumerated	.....
Total	$52,082 10

Expenditures.

Butchers' meat and fish	$4,939 69
Flour, bread and meal	3,080 73
Butter and eggs	1,338 58
Milk	2,944 61
Tea and coffee	535 72
Potatoes and other vegetables and fruit	1,315 73
Groceries and provisions not enumerated	4,122 93
Drugs and medicines	2,137 95
Medical and surgical appliances	198 14
Surgical instruments	2,680 66
Beer, wine and spirits	119 46
Bedding, napery and general house furnishings	3,032 26
Brooms, brushes, mops, soap and cleaning appliances	1,364 35
Fuel	3,321 12
Electric light, gas, oil, candles	383 85
Water supply	95 40
Ice	915 35
Salaries and wages	11,949 35
Taxes and insurance	273 27
Contingencies	1,019 66
Repairs, ordinary	2,662 68
Printing, stationery, etc	325 61
Total	$48,757 10
Government grant for 1920	$1,235 84

AMASA WOOD HOSPITAL, ST. THOMAS.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	42
Admitted	1020
Births in the Hospital	220
Total number under treatment	1282
Discharged	1193
Died	65
Under treatment, 30th September, 1920	24
	1282

Sex.

Male	550
Female	732
	1282

Revenue.

From the Province of Ontario	$1,445 33
From the City of St. Thomas	5,776 55
From paying patients themselves	30,999 70
Other sources	302 01
Total	$38,523 59

Expenditures.

Butchers' meat	$1,729 82
Butter and eggs	2,464 72
Flour, bread and meal	862 33
Milk	1,673 74
Tea and coffee	154 70
Potatoes and other vegetables	672 40
Groceries and other provisions not enumerated	3,994 55
Drugs and medicines	2,721 94
Medical and surgical appliances	164 03
Surgical instruments	65 00
Beer, wine and spirits	255 92
Bedding, etc	896 33
Brooms, brushes, mops, soap and cleaning appliances and laundry	7,677 75
Fuel	2,020 67
Electric light, gas, oil, candles	1,267 83
Water supply	251 39
Ice	289 15
Ambulance expenses	229 03
Salaries and wages	8,799 72
Taxes and insurance	181 54
Contingencies	957 41
Repairs, ordinary	438 64
Printing, stationery, etc	210 07
Claims paid	525 00
Total	$38,503 68
Government grant for 1920	$2,464 97

GENERAL HOSPITAL, SARNIA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	45
Admitted	752
Births in Hospital	122
Total number under treatment	919
Discharged	812
Died	72
Under treatment, 30th September, 1920	35
	919

Sex.

Male	393
Female	526
	919

Revenue.

From the Province of Ontario	$1,011 88
From the Town of Sarnia	4,000 00
From the County of Lambton	1,000 00
From patients themselves for maintenance and treatment	$28,890 89
From property belonging to the Hospital	1,651 65
From subscriptions, donations, and bequests from private individuals	584 00
From all other sources	1,451 63
Total	$38,590 05

Expenditures.

Butchers' meat	$3,143 62
Butter and eggs	2,245 90
Flour, bread and meal	863 83
Milk	982 86
Tea and coffee	
Potatoes and other vegetables	437 12
Groceries and provisions not enumerated	2,991 55
Drugs and medicines	495 04
Surgical instruments and appliances	3,811 44
Beer, wine and spirits	50 37
Bedding, napery and general house furnishings	2,031 20
Fuel	3,518 22

GENERAL HOSPITAL, SARNIA—*Continued.*

Electric light, gas, oil and candles	$875 99
Laundry, etc	,047 33
Ice	604 00
Salaries and wages	7,671 24
Insurance	850 97
Contingencies	752 55
Repairs, ordinary	2,563 60
Stationery and printing	$420 71
Nurses' furnishings	326 41
Nurses' home	270 12
Rent	240 00
Total	$38,194 07
Government grant for 1920	$741 60

GENERAL HOSPITAL, SAULT STE. MARIE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	35
Admitted	1071
Births in Hospital	77
Total number under treatment	1183
Discharged	1079
Died	53
Under treatment, 30th September, 1920	51
	1183

Sex.

Male	774
Female	409
	1183

Revenue.

From the Province of Ontario	$2,264 68
From the City of Sault Ste. Marie	692 21
From other municipalities	123 00
From patients themselves for maintenance and treatment	31,711 28
Subscriptions, donations and bequests of private individuals	2,801 70
From other sources not enumerated	205 10
Total	$37,797 97

Expenditures.

Butchers' meat	$3,266 24
Butter and eggs	2,668 34
Flour, bread and meal	1,516 88
Milk	1,432 90
Tea and coffee	650 20
Potatoes, vegetables and fruit	527 14
Groceries and provisions not enumerated	2,274 89
Drugs and medicines	877 75
Medical and surgical appliances	1,391 71
Beer, wine and spirits	55 75
Bedding, napery and general house furnishings	1,343 75
Brooms, brushes, mops, soap and cleaning appliances	2,882 97
Fuel	3,441 19
Electric light, gas, oil and candles	556 56
Water supply	351 48
Clothing for patients, including boots and shoes	907 38
Ice	430 64
Salaries and wages	4,608 00
Contingencies	887 12
Repairs, ordinary	2,222 14
Taxes and insurance	689 30
Printing, stationery, etc	539 13
Hay and straw	25 00
Total	$33,546 43
Government grant for 1920	$3,369 06

ROYAL VICTORIA HOSPITAL, SAULT STE. MARIE.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	16
Admitted	369
Births in Hospital	10
Total number under treatment	395
Discharged	364
Died	17
Under treatment, 30th September, 1920	14
	395

Sex.

Male	247
Female	148
	395

Revenue.

From the Province of Ontario.	$1,388 74
From the City of Sault Ste. Marie	352 50
From paying patients themselves	6,396 71

ROYAL VICTORIA HOSPITAL, SAULT STE MARIE—*Continued.*

Other sources	11,293 19
Income from endowments and property	385 00
Total	$19,816 14

Expenditures.

Butchers' meat	$885 12
Butter and eggs	904 20
Flour, bread and meal	402 13
Milk	491 10
Tea and coffee	196 60
Potatoes and other vegetables	322 61
Groceries and other provisions not enumerated	1,784 47
Drugs and medicines	741 24
Medical and surgical appliances	299 09
Surgical instruments	.....
Beer, wine and spirits	49 75
Bedding, etc	789 81
Brooms, brushes, mops, soap and cleaning appliances	174 39
Fuel	824 54
Electric light, gas, oil, candles	338 27
Water supply	82 06
Ice	29 00
Ambulance expenses	1,000 00
Salaries and wages	5,199 00
Taxes and Insurance	469 80
Contingencies	30 00
Repairs, ordinary	313 32
Printing, stationery, etc	274 21
Rent and telephone	1,559 82
Interest	231 93
Total	$17,392 46
Government grant for 1920	$1328 99

PUBLIC HOSPITAL, SMITH'S FALLS.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	20
Admitted	535
Births in Hospital	85
Total number under treatment	640
Discharged	585
Died	31
Under treatment, 30th September, 1920	24
	640

Sex.

Male	262
Female	378
	640

Revenue.

From the Province of Ontario	$1,938 36
From the Town of Smith's Falls	1.200 00
From patients themselves for maintenance and treatment	18,642 42
From subscriptions, donations, and bequests from private individuals	2,968 39
From other sources	2,938 16
From endowments, investments, etc	1,536 43
Total	$29,223 76

Expenditures.

Butchers' meat	$1,629 73
Butter and eggs	1,637 90
Flour, bread and meal	580 36
Milk	438 54
Potatoes and other vegetables	2,284 86
Groceries and provisions not enumerated	1,674 08
Tea and coffee	41 50
Drugs and medicines	2,750 71
Medical and surgical appliances	266 49
Surgical instruments	.....
Bedding, napery and general house furnishings	737 67
Brooms, brushes, mops, soap and cleaning appliances and laundrying	1,926 55
Fuel	4,246 11
Light: gas, oil and power	261 19
Ice	140 00
Salaries and wages	5,957 93
Taxes and insurance	197 92
Contingencies	401 24
Repairs, ordinary	1,964 28
Printing, stationery, etc	170 67
Hay and straw	442 30
Beer, wine and spirits	97 20
Water supply	18 75
Total	$28,865 98
Government grant for 1920	$2,437 96

ST. FRANCES' HOSPITAL, SMITH'S FALLS.

The following summaries show the operation of the Hospital during the official year;

Movements of Patients.

Number under treatment, 1st October, 1919	24
Admitted	515
Births in Hospital	64
Total number under treatment	603
Discharged	549
Died	30
Under treatment, 30th September, 1920	24
	603

Sex.

Male	259
Female	344
	603

Revenue.

From the Province of Ontario	$1,688 00
From the Town of Smith's Falls for patients' maintenance	800 00
From the County of Lanark	.....
From paying patients themselves	11,447 11
From subscriptions, bequests, and donations of private individuals	1,398 07
From other sources	3,840 29
Total	$19,173 47

Expenditures.

Butchers' meat	$2,872 57
Butter and eggs	1,534 56
Flour, bread and meal	953 00
Milk	1,120 00
Tea and coffee	449 45
Potatoes and other vegetables	1,009 04
Groceries and provisions not enumerated	2,059 74
Drugs and medicines	430 73
Medical and surgical appliances	434 39
Surgical instruments	.....
Alcohol	58 00
Bedding, napery and general house furnishings	1,200 36
Brooms, brushes, mops, soap and cleaning appliances	324 80
Fuel	2,546 88
Electric light, motor service	808 46
Water	25 00
Ice	100 00
Salaries and wages	1,576 00
Taxes, insurance and interest	146 23
Stationery, postage, etc	159 85
Repairs, ordinary	741 38
Contingencies	113 35
Clothing, including boots	504 25
Total	$19,168 04
Government aid for 1920	$1,624 18

GENERAL HOSPITAL, STRATFORD.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	30
Admitted	794
Number of births during the year	112
Total number under treatment	936
Discharged	856
Died	48
Under treatment, 30th September, 1920	32
	936

Sex.

Male	397
Female	539
	936

Revenue.

Received from the Province of Ontario	$1,059 86
From the City of Stratford	3,000 00
From the County of Perth	1,200 00
From other municipalities of the Province	935 00
From paying patients	28,847 81
Income from endowments, investments, etc	69 02
Subscriptions, donations, etc	3,894 88
From other sources	1,025 57
Total	$40,032 14

Expenditures.

Butchers' meat	$2,531 83
Butter and eggs	1,894 25
Flour, bread and meal	1,006 76
Milk	1,848 86
Tea and coffee	449 12
Potatoes and other vegetables	1,042 47

GÉNERAL HOSPITAL, STRATFORD—*Continued.*

Groceries and provisions not enumerated	3,717 95
Drugs and medicines	615 26
Medical and surgical appliances	3,974 75
Surgical instruments	74 86
Beer, wine and spirits	222 50
Bedding, napery and general house furnishings	464 35
Brooms, brushes, mops, etc	978 20
Fuel	3,775 71
Electric light, gas, oil, candles	1,462 00
Water supply	234 60
Ice	175 86
Salaries and wages	9,088 94
Taxes and insurance	761 54
Contingencies	1,374 06
Repairs, ordinary	2,043 60
Postage, etc	170 42
Poultry and grain for same	523 42
Total	$38,431 31
Government grant for 1920	$1,214 69

GENERAL HOSPITAL, STRATHROY.

The following summaries show the operations of the Hospital, during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	15
Admitted	204
Number of births in the institution during the year	14
Total number under treatment	233
Discharged	205
Died	6
Under treatment, 30th September, 1920	22
	233

Sex.

Male	97
Female	136
	233

Revenue.

Received from the Province of Ontario	$1,051 81
From the Town of Strathroy	.....
From the County of Middlesex	1,799 75
From paying patients	11,633 26
Subscriptions, donations, etc	475 00
From source not enumerated	542 70
From Dominion Government	262 50
Total	$15,765 02

Expenditures.

Butchers' meat	$1,093 96
Butter and eggs	973 83
Flour, bread and meal	433 36
Milk	679 71
Tea and coffee	212 84
Potatoes and other vegetables	517 00
Groceries and provisions not enumerated	1,039 10
Drugs and medicines	696 36
Medical and surgical appliances	420 37
Beer, wine and spirits	72 61
Bedding, napery and general house furnishings	685 26
Brooms, brushes, mops, etc	345 33
Fuel	1,820 71
Electric light, gas, oil, candles	247 39
Water supply	.....
Ice	50 00
Salaries and wages	3,375 34
Contingencies	926 30
Repairs, ordinary	600 89
Taxes and insurance	33 75
Printing, stationery, etc	50 15
Surgical instruments	3 15
Hay and straw	128 01
Clothing for patients	.....
Total	$14,405 42
Government grant for 1920	$1,136 34

ST. JOSEPH'S HOSPITAL, SUDBURY.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	94
Number admitted	2,115
Births in Hospital	72
Total number under treatment	2,281
Discharged	2,096
Died	98
Remaining under treatment on the 30th September, 1920	87
	2,281

ST, JOSEPH'S HOSPITAL, SUDBURY—*Continued.*

Sex.

Male	1,474
Female	807
	2,281

Revenue.

From the Province of Ontario	$6,659 75
From paying patients themselves	64,203 55
Subscriptions, donations and bequests	4,919 75
Town of Sudbury	1,469 75
From all other sources not above enumerated	2,951 96
Total	$80,204 76

Expenditures.

Butchers' meat	$6,273 54
Butter and eggs	5,929 82
Flour, bread and meal	2,644 78
Milk	4,150 71
Tea and coffee	935 55
Potatoes and other vegetables	2,675 02
Groceries and provisions not enumerated	$6,459 34
Drugs and medicines	6,285 23
Medical and surgical appliances	1,083 00
Beer, wine and spirits	1,036 85
Bedding, napery and g neral house furnishings	4,369 39
Brooms, brushes, mops, soap and cleaning appliances	1, 83 00
Fuel	9,058 84
Electric light, gas, and oil	1,793 79
Hay and straw	294 50
Clothing for patients	1,645 52
Ice	.....
Salaries and wages	6,483 97
Contingencies	1,076 61
Repairs, ordinary	5,321 46
Taxes and insurance	1,238 00
Printing and stationery	479 05
Surgical instruments	52 50
Coffins and funerals	.....
Water supply	672 08
Total	$71,242 25
Government grant for 1920	$10,056 17

GENERAL HOSPITAL, TORONTO.

The following summaries show the operations of the Hospital during the official year;

Movements of Patients.

Number under treatment in all departments of the Hospital, 1st October, 1919	526
Admitted	10,227
Births in the Hospital	1,363
Total number under treatment	12,116
Discharges, including infants	10,752
Died	787
Under treatment, 30th September, 1920	577
Total	12,116

Sex.

Male	5,347
Female	6,769
	12,116

Revenue.

From the Province of Ontario	$40,133 96
From the City of Toronto, in payment of patients' maintenance	93,273 88
From the County of York in payment of patients' maintenance	.....
From other municipalities of the Province	.....
From paying patients themselves	582,015 15
Income from property belonging to Hosp;tal Trust	75,901 86
Subscriptions, donations, and bequests of private individuals	$24,845 10
From all other sources not above enumerated	20,344 49
From Dominion Government	.....
Deficit, 30th Sept., 1920	140,027 63
Total	$976,842 07

Expenditures.

Butchers' meat, poultry and fish	$62,340 23
Butter, eggs and cheese	41,424 96
Flour, bread and meal	20,136 73
Milk and cream	36,868 04
Tea, coffee and cocoa	10,053 58
Potatoes and other vegetables	21,191 52
Groceries and provisions not enumerated and fruit	50,541 10
Drugs and medicines	33,833 05
Medical and surgical appliances, bandages, etc	47,743 51
Surgical instruments, ordinary, etc	11,923 77
Beer, wine and spirits	2,030 51
Bedding, napery nd general house furnishings, patients' clothing	44,858 48
Laundry, brooms, brushes, mops, soap and cleaning appliances	14,481 94
Fuel, power-house and wages	73,887 43
Light: Gas, oil, and electric	15,564 33
Water supply	11,820 41

GENERAL HOSPITAL, TORONTO—*Continued.*

Nurses' uniforms and medals	1,307 98
Gardens and grounds	252 63
Salaries and wages	330,960 11
Contingencies, miscellaneous expenses	2,775 07
Repairs, ordinary	40,596 25
Telephones	2,630 10
Interest on debts and insurance	.....
Printing, postage, stationery, annual report, advertising	10,028 92
Taxes and insurance	4,706 10
Nurses' home	.....
Rent of Land	2,982 49
Depreciation of buildings and equipment	48,000 00
Total	$942,939 24
Government grant for 1920	$40,523 12

GRACE HOSPITAL, TORONTO.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, in the Hospital, 1st October, 1919	121
Admitted	2434
Births in Hospital	437
Total number under treatment	2992
Discharges, including infants	2779
Died	114
Under treatment, 30th September, 1920	99
	2,992

Sex.

Male	1,075
Female	1,917
	2,992

Revenue.

From the Government of Ontario	7,224 50
From the City of Toronto in payment of patients' maintenance or as a grant	27,187 06
From the County of York	752 75
From other municipalities	120 75
From paying patients themselves	89,495 90
Income from endowments, etc	2,726 03
Subscriptions, donations and bequests of private individuals	2,637 12
From all sources not above enumerated	.....
Debit balance	19,607 66
Total	$149,751 77

Expenditures.

Butchers' meat	10,993 33
Butter and eggs	6,319 30
Flour, bread and meal	2,824 84
Milk	6,433 49
Tea and coffee	1,355 84
Potatoes and other vegetables	3,839 82
Groceries and other provisions not enumerated	7,753 24
Drugs and medicines	5,881 91
Medical and surgical appliances	12,151 62
Surgical instruments	1,553 58
Beer, wine and spirits	233 22
Bedding, napery and general house furnishings	6,938 59
Brooms, brushes, mops, soap and cleaning appliances	4,368 72
Fuel	9,618 15
Light: Electric, oil and candles	1,746 35
Water spply	714 80
Ice	846 65
Salaries and wages	34,487 40
Taxes and insurance	388 10
Contingencies	8,755 60
Repairs, ordinary	4,325 08
Advertising, stationery, etc	2,147 45
Clothing for patients	401 44
Overdraft, 1919	12,973 25
Interest on mortgage	2,700 00
Total	$149,751 77
Government grant for 1920	7,138 06

HOSPITAL FOR SICK CHILDREN, TORONTO.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Under treatment, 1st October, 1919	210
Admitted	4773
Total number under treatment	4983
Discharged	4186
Died	535
Under treatment, 30th September, 1920	262
	4983

Sex.

Male	2751
Female	2232
	4983

Revenue.

From the Province of Ontario	$20,549 01
From the City of Toronto	124,119 59
From municipalities	11,139 00
From patients themselves for maintenance and treatment	49,309 32
From property belonging to Hospital	1,926 00

HOSPITAL FOR SICK CHILDREN TORONTO—*Continued.*

From subscriptions, donations and bequests from private individuals	87,717 57
From all other sources not enumerated	23,149 15
Total	$317,909 64

Expenditures.

Butchers' meat, game and fish	$14,733 78
Butter and eggs	10,203 32
Flour, bread and meal	4,578 48
Milk	17,582 92
Tea and coffee	924 61
Potatoes and other vegetables	6,051 76
Groceries and provisions not enumerated	11,282 83
Drugs and medicines	9,583 52
Medical and surgical appliances and surgical instruments	18,602 80
Bedding, napery and general house furnishings	$7,191 82
Brooms, brushes, mops, soap and cleaning appliances	6,116 64
Fuel	31,229 75
Light: Electric, gas, oil, candles	5,458 81
Water supply	4,919 11
Clothing for patients, including boots, shoes and linen	3,667 25
Ice	1,197 55
Salaries and wages	159,654 77
Insurance and taxes	925 22
Contingencies	7,970 42
Repairs, ordinary	11,860 11
Printing, stationery, etc	14,019 01
Telephones and electricity	1,540 87
X-ray and photos	2,435 64
Interest	5,854 82
Refunds to pay patients	1,903 86
Total	$358,489 67
Government grant for 1920	$25,278 22

THE ORTHOPEDIC HOSPITAL, TORONTO.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	21
Admitted	406
Total number under treatment	427
Discharges	402
Died	2
Under treatment, 30th September, 1920	23
	427

Sex.

Male	184
Female	243
	427

Revenue.

From the Government of Ontario	$339 60
Income from endowments, etc or other property belonging to the Hospital	.....
From paying patients themselves	22,964 09
Subscriptions, donations and bequests of private individuals	24,026 33
From all other sources not above enumerated	.....
Total	$47,330 02

Expenditures.

Butchers' meat	$2,164 77
Butter and eggs	1,117 16
Flour, bread and meal	565 27
Milk	1,362 50
Tea and coffee	213 64
Potatoes and other vegetables	691 26
Groceries and provisions not enumerated	2,651 87
Drugs and medicines	421 84
Medical and surgical appliances, surgical instruments	1,367 50
Bedding, napery and general house furnishings	604 94
Brooms, brushes, mops, soap and cleaning appliances	367 93
Fuel	1,753 20
Electric light, gas, oil and candles	705 69
Water supply	319 05
Ice	171 30
Salaries and wages	7,596 95
Taxes and insurance	450 08
Repairs, ordinary	483 06
Gymnasium and sundries	.....
Sundries and material	.....
Clothing for patients	.....
Contingencies	1,391 12
Interest on debt	.....
Beer, wine and spirits	57 01
Printing and postage	652 61
Total	$25,108 75
Government grant for 1920	$734 16

ST. JOHN'S HOSPITAL, TORONTO.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	32
Admitted	795
Number of births	1
Total number under treatment	828
Discharged	766
Died	28
Under treatment, 30th September, 1920	34
	828

Sex.

Male	61
Female	767
	828

Revenue.

From the Province of Ontario	$3,097 91
From the City of Toronto	1,775 00
From other municipalities	.....
From patients themselves for maintenance and treatment	51,738 33
From subscriptions, donations and bequests from private individuals	7,273 85
From other sources	140 75
Total	$64,025 84

Expenditures.

Butchers' meat	$4,469 32
Butter and eggs	3,826 45
Bread	1,724 12
Milk	2,942 31
Tea and coffee	737 59
Potatoes and other vegetables	4,494 73
Groceries and provisions not enumerated	3,832 52
Drugs and medicines	1,384 96
Beer, wine and spirits	243 78
Bedding, napery and general house furnishings	3,358 87
Brooms, brushes, mops, soap and cleaning appliances	685 60
Fuel	1,448 48
Electric light, gas, oil, candles	2,341 91
Salaries and wages	13,813 70
Insurance and taxes	937 37
Contingencies	1,245 28
Repairs, ordinary and additions	3,415 23
Ice supply	383 05
Printing, stationery, etc	574 21
Water supply	196 86
Medical and surgical appliances	2,390 49
Surgical instruments	31 67
Total	$$54,478 50
Government grant for 1920	$4,092 93

ST. MICHAEL'S HOSPITAL, TORONTO.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	272
Admitted	4577
Births in Hospital	434
Total number under treatment	5283
Discharged	4701
Died	350
Under treatment, 30th September, 1920	232
	5283

Sex.

Male	2553
Female	2730
	5283

Revenue.

From the Government of Ontario	$21,717 21
From the City of Toronto in payment of patients' maintenance	55,242 74
From the County of York	1,013 00
From other municipalities	.....
From paying patients themselves	146,422 38
Subscriptions, donations and bequests of private individuals	1,900 69
From all other sources not above enumerated	7,453 96
Total	$233,749 98

ST. MICHAEL'S HOSPITAL, TORONTO.—*Continued*

Expenditure.

Butchers' meat, poultry and fish	$24,861 32
Butter and eggs	17,045 62
Flour, bread and meal	4,976 09
Milk	13,632 87
Tea and coffee	1,649 04
Potatoes, other vegetables and fruit	1,167 61
Groceries and provisions not enumerated	20,187 97
Drugs and medicines	11,685 14
Medical and surgical appliances	10,208 74
Surgical instruments	1,774 00
Beer, wine and spirits	216 71
Bedding, napery and general house furnishings	11,481 38
Brooms, brushes, mops, soap and cleaning appliances	4,467 97
Fuel	14,104 87
Electric light, gas, oil, candles	5,584 18
Water supply	2,084 57
X-ray	1,969 62
Salaries and wages	72,594 03
Taxes and insurance	123 57
Contingencies	683 01
Repairs, ordinary	4,255 02
Telephone service	330 56
Advertising, printing, stationery, etc	,625 35
Clothing, for patients, including boots and shoes	443 28
Interest	3,870 00
Nurses' uniforms	1,316 69
Total	$242,339 21
Government grant for 1920	$22,072 60

SALVATION ARMY WOMAN'S HOSPITAL, TORONTO.

The following summaries show the operations of the Hospital, during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	54
Number admitted	405
Births in Hospital	390
Total number under treatment	849
Discharged	756
Died	33
Under treatment, 30th September, 1920	60
	849

Sex.

Male	216
Female	633
	849

Revenue.

From the Province of Ontario	$2,537 40
From the City of Toronto	.....
From the County of York	.....
From other municipalities of the Province	.....
From paying patients	14,002 35
From property belonging to the Hospital	.....
From subscriptions, bequests and donations from private individuals	97 75
From other sources not enumerated	1,572 73
Total	$18,210 23

Expenditures.

Butchers' meat	$536 43
Butter and eggs	670 80
Flour, bread and meal	715 33
Milk	605 90
Tea and coffee	45 00
Potatoes and other vegetables	246 69
Groceries and provisions not enumerated	1,788 42
Drugs, medicines and medical and surgical appliances	1,026 63
Bedding, napery and general house furnishings	1,405 62
Brooms, brushes, mops, soap and cleaning appliances	145 14
Fuel	941 50
Electric light	459 09
Water supply	65 26
Ice supply	16 30
Salaries and wages	4,514 03
Rent	245 00
Contingencies	1,384 16
Printing, stationery, etc	122 20
Repairs, ordinary	37 90
Surgical instruments	.....
Total	$14,974 40
Government grant for 192	53,159 81

TORONTO HOSPITAL FOR INCURABLES.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	214
Admitted	79
Births in Hospital	....
Tota number under treatment	293
Discharged	27
Died	49
Under treatment, 30th September, 1920	217
	293

Sex.

Male	138
Female	155
	293

Revenue.

From the Province of Ontario	$18 896 77
From the City of Toronto	77,321 25
From the patients for maintenance and treatment	21,898 89
From subscriptions, donations and bequests from private individuals	3,488 30
From other sources	8,303 34
From other municipalities	.....
Bank overdraft and cheques outstanding	21,489 65
Total	$151,398 20

Expenditures.

Butchers' meat	$11,353 09
Butter and eggs	11,941 20
Flour, bread and meal	4,700 78
Milk	7,080 58
Tea and coffee	1,795 53
Potatoes and other vegetables	4,727 19
Groceries and provisions not enumerated	11,696 46
Drugs and medicines	1,323 01
Medical and surgical appliances and instruments	2,753 43
Telephones	.....
Beer, wine and spirits	108 80
Bedding, napery and general house furnishings	5,701 96
Brooms, brushes, mops, soap and cleaning appliances	4,199 16
Fuel	18,098 69
Light: Gas, oil and candles	1,535 80
Water	1,295 52
Ice supply	784 21
Salaries and wages	42,057 95
Taxes and insurance	325 00
Contingencies—interest	1,645 52
Repairs, ordinary	6,945 50
Clothing for patients	188 39
Printing, postage, etc	1,057 11
Overdraft	9,395 10
Interest and exchange	688 63
Total	$151,398 61

Government grant for 1920 .... $27,272 80

THE WELLESLEY HOSPITAL, TORONTO.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	72
Admitted	2,099
Births in Hospital	265
Total number under treatment	2,436
Discharged	2,303
Died	47
Under treatment, 30th September, 1920	86
	2,436

Sex.

Male	932
Female	1,504
	2,436

Revenue.

From the Province of Ontario	163 20
From the City of Toronto	70 00
From the County of York	.....
From other municipalities of the Province	.....
From paying patients	194,512 95
Subscriptions, donations, etc	.....
Other sources	.....
Total	$194,746 15

Expenditures.

Butchers' meat and fish	$18,570 21
Butter and eggs	10,454 03
Flour, bread and meal	2,619 36
Milk	8,292 54
Tea and coffee	1,752 00
Potatoes and other vegetables	6,004 80

THE WELLESLEY HOSPITAL, TORONTO—*Continued.*

Groceries and provisions not enumerated	$16,745 45
Drugs and medicines	2,921 86
Medical and surgical appliances and instruments	11,822 72
Beer, wine and spirits	481 85
Bedding, napery and general furnishings	4,161 60
Brooms, brushes, mops, soap and cleaning appliances	1,85 95
Fuel, electric light, gas, oil and candles	18,642 50
Water supply	1,59 77
Salaries and wages	$39,591 67
Taxes, interest and insurance	1,401 35
Contingencies	15,252 12
Repairs, ordinary	12,065 26
Nurses' home	4,122 55
Telephone, interest and discount	193 83 07
Printing, stationery, etc	3,340 60
Total	$201,076 26
Government aid for 1920	$69 40

WESTERN HOSPITAL, TORONTO.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	190
Admitted	4,129
Births in Hospital	518
Total number under treatment	4,837
Discharged	4,420
Died	265
Under treatment, 30th September, 1920	152
	4,837

Sex.

Male	2,263
Female	2,574
	4,837

Revenue.

From the Province of Ontario	$11,607 98
From the City of Toronto	31,745 72
From the patients for maintenance and treatment	143,447 26
From subscriptions, donations and bequests from private individuals	22,980 23
From other sources	.....
From other municipalities	.....
Total	$209,781 19

Expenditures.

Butchers' meat	$13,162 36
Butter and eggs	10,346 22
Flour, bread and meal	2,935 27
Milk	7,095 08
Tea and coffee	1,014 60
Potatoes and other vegetables	6,251 39
Groceries and provisions not enumerated	12,381 49
Drugs and medicines	7,321 13
Medical and surgical appliances and instruments	18,294 41
Telephones	1,036 85
Beer, wine and spirits	1,844 93
Bedding, napery and general house furnishings	9,288 38
Brooms, brushes, mops, soap and cleaning appliances	4,139 59
Fuel	14,400 40
Light: Gas, oil and candles	5,474 80
Water	2,204 60
Ice supply	1,048 20
Salaries and wages	76,635 14
Taxes and insurance	1,669 58
Contingencies-interest	9,516 64
Repairs, ordinary	4,799 39
Clothing for patients	67 62
Printing, postage, etc	3,883 27
Total	$215,111 34
Government grant for 1920	$12,374 69

WOMEN'S COLLEGE HOSPITAL, TORONTO.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	52
Number admitted	985
Births in Hospital	367
Total number under treatment	1,404
Discharged	1,304
Died	49
Under treatment, 30th September, 1920	51
	1,404

WOMEN'S COLLEGE HOSPITAL, TORONTO—*Continued.*

Sex.

Male	....
Female	1,404
	1,404

Revenue.

From the Province of Ontario	$2,825 69
From the City of Toronto	3,435 00
From the County of York	.....
From other municipalities of the Province	.....
From paying patients	34,704 05
From property belonging to the Hospital	.....
From subscriptions, bequests and donations from private individuals	.....
From other sources not enumerated	4,570 16
Total	$45,534 90

Expenditures.

Butchers' meat	$2,948 38
Butter and eggs	2,248 10
Flour, bread and meal	992 36
Milk	2,007 56
Tea and coffee	381 82
Potatoes and other vegetables	1,189 78
Groceries and provisions not enumerated	3,196 58
Drugs and medicines	1,797 88
Medical and surgical appliances	3,972 90
Bedding, napery and general house furnishings	1,995 26
Brooms, brushes, mops, soap and cleaning appliances	380 00
Fuel	1,212 50
Electric light, gas, oil, candles	1,565 63
Water supply	186 30
Ice supply	309 70
Salaries and wages	12,022 28
Taxes and insurance	.....
Contingencies	1,166 93
Repairs, ordinary	523 83
Telephone	166 85
Printing, stationery, etc	548 88
Surgical instruments	180 34
Laundry	2,982 39
Training school	146 64
Total	$42,122 89
Government grant for 1920	$3,973 71

THE HOME FOR INCURABLE CHILDREN, TORONTO.

The following summaries show the operations of the Hospital during the official year;

Movements of Patients.

Number under treatment, 1st October, 1919	28
Admitted	9
Births in Hospital	....
Total number under treatment	37
Discharged	9
Died	....
Under treatment, 30th September, 1920	28
	37

Sex.

Male	17
Female	20
	37

Revenue.

From the Province of Ontario	$2,532 86
From the City of Toronto	415 00
From County of York	180 00
From patients for maintenance and treatment	1,710 00
Income from endowments, investments, etc	1,505 71
From subscriptions, donations and bequests from private individuals	10,206 13
From other sources	800 50
Total	$17,350 20

Expenditures.

Butchers' meat, Butter and eggs, Flour, bread and meal, Milk, Tea and coffee, Potatoes and other vegetables, Groceries and provisions not enumerated	$5,972 47
Drugs and medicines, Medical and surgical appliances	218 33
Beer, wine and spirits	.....
Bedding, napery and general house furnishings, Brooms, brushes, mops, soap and cleaning appliances	1,510 08
Fuel	1,978 60
Electric light, gas, oil and candles	403 72
Clothing for patients	302 14
Ice supply	94 25
Salaries and wages	6,516 05
Contingencies	50 05
Repairs, ordinary	299 21
Stationery and printing	187 09
Taxes, insurance and interest	78 45
Water	97 14
Total	$17,707 58
Government grant for 1920	$3,620 50

GENERAL HOSPITAL, WALKERTON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment 1st October, 1919	16
Number admitted	278
Number of births	9
	303
Discharged	263
Died	24
Under treatment, 30th September, 1920	16
	303

Sex.

Male	136
Female	167
	303

Revenue.

From the Province of Ontario	$655 92
From the Town of Walkerton	200 00
From the County of Bruce	2,045 00
From other municipalities of the Province	.....
From endowments, investments, etc	39 22
From paying patients	9,297 14
From subscriptions, bequests and donations of private individuals	244 85
From other sources not enumerated	928 61
Total	$13,410 74

Expenditures.

Butchers' meat	$616 18
Butter and eggs	613 16
Flour, bread and meal	339 93
Milk	458 34
Tea and coffee	268 95
Potatoes and other vegetables	483 44
Groceries and provisions not enumerated	1,320 90
Drugs and medicines	661 18
Medical and surgical appliances	419 49
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	593 67
Brooms, brushes, mops, soap and cleaning appliances	243 44
Fuel	1,872 74
Light: electric, gas, oil, and candles, power	441 74
Water supply	45 00
Ice supply	54 00
Salaries and wages	4,569 13
Insurance	5 37
Contingencies	239 48
Repairs, ordinary	465 28
Printing, postage, etc.	30 10
Clothing	.....
Total	$13,741 52
Government grant for 1920	$828 76

GENERAL HOSPITAL, WELLAND.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	25
Admitted	835
Number of births in Hospital	35
Total number under treatment	895
Discharged	827
Died	41
Under treatment, 30th September, 1920	27
	895

Sex.

Male	515
Female	380
	895

Revenue.

From the Province of Ontario	$2,189 37
From the Town of Welland	2,000 00
From the County of Welland	.....
From other municipalities	.....
From paying patients	19,070 00
Subscriptions, donations, etc.	4,799 54
Other sources	721 30
Total	$28,780 21

Expenditures

Butchers' meat	$1,438 52
Butter and eggs	1,028 10
Flour, bread and meal	673 58
Milk	1,335 13
Tea and coffee	.....
Potatoes and other vegetables	465 18
Groceries and provisions not enumerated	2,325 20
Drugs and medicines	930 28
Medical and surgical appliances and instruments	1,686 51

GENERAL HOSPITAL, WELLAND—*Continued*

Beer, wine and spirits	33 25
Bedding, house furnishings, etc	673 08
Brooms, brushes, mops, soap and cleaning appliances	409 64
Fuel	911 50
Electric light, gas, oil, candles	489 17
Ice	130 19
Salaries and wages	6,786 55
Contingencies	2,734 71
Repairs, ordinary	1,885 68
Water supply	1 00
Printing, postage and stationery	225 08
Laundry	1,287 00
Taxes and insurance	8 92
Clothing for patients	.....
Ambulance expenses	.....
Total	$25,458 27
Government grant for 1920	$1,633 60

HOTEL DIEU HOSPITAL, WINDSOR.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	94
Admitted	2,699
Births in Hospital	232
Total number under treatment	3,025
Discharged	2,798
Died	149
Under treatment, 30th September, 1920	78
	3,025

Sex.

Male	1,524
Female	1,501
	3,025

Revenue.

From the Province of Ontario	$3,514 60
From the Town of Windsor	1,433 50
From the County of Essex	90 02
From patients themselves for maintenance and treatment	58,135 01
Subscriptions, donations and bequests	860 34
From other sources not enumerated	10,920 10
Total	$74,953 57

Expenditures.

Butchers' meat	$11,684 30
Butter and eggs	6,197 87
Flour, bread and meal	2,376 00
Milk	2,992 99
Tea and coffee	1,882 69
Potatoes and other vegetables	3,619 11
Groceries and provisions not enumerated	5,570 11
Drugs and medicines	3,658 26
Medical and surgical appliances	5,516 28
Surgical instruments	79 45
Beer, wine and spirits	522 91
Bedding, napery and general house furnishings	5,712 56
Brooms, brushes, mops, soap and cleaning appliances	2,679 56
Fuel	3,887 32
Light: gas, oil and candles	2,226 27
Water supply	163 67
Hay and straw	108 50
Clothing for patients, including boots and shoes	49 19
Ice	1,274 32
Salaries and wages	12,529 06
Taxes and insurance	537 81
Contingencies	435 67
Repairs, ordinary	934 51
Printing, stationery, etc	342 89
Total	$74,981 30
Government grant for 1920	$1,861 24

GENERAL HOSPITAL, WINGHAM.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	8
Admitted	204
Number of births in Hospital	16
Total number under treatment	228
Discharged	204
Died	9
Under treatment, 30th September, 1920	15
	282

GENERAL HOSPITAL, WINGHAM—*Continued.*

Sex.

Male	106
Female	122
	228

Revenue.

From the Province of Ontario	$58 44
From the Town of Wingham	200 00
From the County of Huron	1,000 00
From other municipalities	.....
From paying patients	8,725 57
Subscriptions, donations, etc	5 00
Other sources	486 10
Total	$10,475 11

Expenditures.

Butchers' meat	$504 49
Butter and eggs	532 74
Flour, bread and meal	264 20
Milk	$220 04
Tea and coffee	69 31
Potatoes and other vegetables	276 92
Groceries and provisions not enumerated	645 46
Drugs and medicines	261 33
Medical and surgical appliances	627 73
Bedding, napery and general house furnishings	601 00
Brooms, brushes, mops, soap and cleaning appliances	76 35
Fuel	1,234 20
Electric light, gas, oil, candles	172 21
Water supply	18 52
Ice	20 00
Salaries and wages	2,868 30
Contingencies	1,364 47
Repairs, ordinary	510 31
Taxes and insurance	92 27
Printing, stationery, etc	100 62
Beer, wine and spirits	.....
Total	$10,460 47
Government grant for 1920	$90 27

THE WOODSTOCK HOSPITAL.

The following summaries show the operations of the Hospital during the official year;

Movements of Patients

Number under treatment, 1st October, 1919	28
Admitted	625
Births	78
Total number under treatment	731
Discharged	664
Died	39
Under treatment, 30th September, 1920	28
	731

Sex.

Male	321
Female	410
	731

Revenue.

From the Province of Ontario	$757 89
From the Town of Woodstock	2,000 00
From the County of Oxford	1,500 00
Income from endowments and investments	1,254 19
From paying patients themselves	20,918 06
Subscriptions, donations and bequests	260 00
Received from other sources	4,211 76
Total	$30,901 90

Expenditures.

Butchers' meat	$3,147 43
Butter and eggs	2,645 37
Flour, bread and meal	722 48
Milk	1,317 10
Tea and coffee	501 55
Potatoes and other vegetables	315 80
Groceries and other provisions not enumerated	3,122 89
Drugs and medicines	857 18
Medical and surgical appliances	1,533 80
Beer, wine and spirits	.....
Bedding, etc	707 37
Brooms, brushes, mops, soap and cleaning appliances	744 56
Fuel	2,882 63
Electric light, gas, oil and candles	1,182 83
Ice	183 19
Salaries and wages	7,446 24
Insurance and taxes	545 80
Contingencies	989 63
Repairs, ordinary	749 24
Printing, stationery, etc	100 64
Water supply	68 98
Total	$29,764 71
Government grant for 1920	$644 07

BRANT SANATORIUM, BRANTFORD

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	15
Admitted	42
Total number under treatment	57
Discharged	25
Died	7
Under treatment, 30th September, 1920	25
	57

Sex.

Male	26
Female	31
	57

Revenue.

From the Province of Ontario	$3,515 50
From the City of Brantford	11,967 78
From the County of Brant	1,988 04
From other municipalities of the Province	1,066 00
From paying patients	1,861 57
Subscriptions, donations, etc	
Bank overdraft	3,593 58
Total	$23,992 47

Expenditures.

Butchers' meat and fish	$2,255 78
Butter and eggs	884 30
Flour, bread and meal	378 99
Milk	962 24
Tea and coffee	172 07
Potatoes and other vegetables	201 53
Groceries and provisions not enumerated	1,626 44
Drugs and medicines	203 78
Medical and surgical appliances	416 77
Surgical instruments	64 00
Beer, wine and spirits	6 50
Bedding, napery and general furnishings	1,011 18
Brooms, brushes, mops, soap and cleaning appliances	292 61
Fuel	2,435 47
Electric light, gas, oil, candles	194 99
Water supply	26 20
Salaries and wages	6,611 97
Taxes, interest and insurance	110 75
Contingencies	919 29
Repairs, ordinary	767 04
Ice supply	153 50
Clothing for patients	.....
Printing, stationery, etc	157 05
Total	$19,852 45
Government aid for 1920	$4,453 50

NATIONAL SANATORIUM FOR CONSUMPTIVES, GRAVENHURST

(Muskoka Cottages)

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	73
Admitted	171
Total number under treatment	244
Discharged	165
Died	5
Under treatment, 30th September, 1920	74
	244

Sex.

Male	157
Female	87
	244

Revenue.

From the Dominion Government	$76 007,21
From paying patients themselves	53,068 27
From subscriptions, bequests and donations of private individuals	2,147 88
From other sources	1,258 54
Total	$132,481 90

Expenditures.

Butchers' meat	$22,891 57
Butter and eggs	10,703 76
Flour, bread and meal	4,041 11
Milk	7,440 91
Tea and coffee	1,453 69
Potatoes and other vegetables	4,071 52
Groceries and provisions not enumerated	12,366 79

NATIONAL SANATORIUM FOR CONSUMPTIVES, GRAVENHURST—*Continued,*

Drugs and medicines	$3,444 27
Medical and surgical appliances	149 64
Bedding, napery and general house furnishings	8,668 19
Brooms, brushes, mops, soap and cleaning appliances and laundry	5,013 28
Fuel	11,960 40
Electric light, oil and candles	1,377 80
Maintenance of plant	9,808 93
Telephone	454 25
Ice	139 50
Salaries and wages	26,415 64
Freight and livery	540 53
Advertising, printing, postage, etc	1,003 12
Contingencies	70 65
Repairs, ordinary	$4,225 08
Insurance premiums	1,109 73
Bank interest and exchange	23 10
Travelling expenses	645 25
Improving grounds	781 12
H. O. Expenses	1,798 70
X-ray and medical staff supplies	42 00
General expenses	430 81
Hay and straw	2,777 17
Total	$143,848 51
Less maintenance costs of patients at annex	1,500 50
	$142,348 01

MUSKOKA FREE HOSPITAL FOR CONSUMPTIVES.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	268
Admitted	501
Total number under treatment	769
Discharged	484
Died	48
Under treatment, 30th September, 1920	237
	769

Sex.

Male	393
Female	376
	769

Revenue.

From the Province of Ontario	$45,285 00
From the City of Toronto, in payment of patients' maintenance	51,331 00
From other municipalities	3,087 50
From endowments, investments, etc	11,761 19
From paying patients themselves	23,193 83
Subscriptions, donations, and bequests of private individuals	51,758 75
From all other sources not above enumerated	3,614 34
From Dominion Government	4,594 70
Total	$194,626 31

Expenditures.

Butchers' meat	$30,369 24
Butter and eggs	14,820 52
Flour, bread and meal	6,281 65
Milk	12,485 30
Tea and coffee	2,713 91
Potatoes and other vegetables	7,614 03
Groceries and provisions not enumerated	18,133 92
Drugs and medicines	5,415 59
Medical and surgical appliances, dispensary	655 25
Bedding, napery and general house furnishings	9,452 23
Brooms, brushes, mops, soap and cleaning appliances	2,084 86
Fuel	15,537 56
Maintenance of plant	13,755 23
Improving grounds	1,184 95
Travelling expenses	813 65
Electric light, gas, oil and candles	1,213 45
Ice supply	240 65
Salaries and wages	58,670 44
Insurance and taxes	1,254 99
Laundry	4,041 49
Contingencies	519 15
Repairs, ordinary	6,544 33
Interest and bank collection	433 23
Postage and advertising	3,678 56
Freight and livery	1,721 02
Surgical instruments	.....
X-Ray expenses	.....
Head office expenses	5,899 17
Outdoor furnishings	126 81
Medical staff supplies	354 02
Maintenance of transferred patients	27,252 72
Telephones	553 59
H. O. dispensary and auto	1,786 05
Total	$255,607 56
Government grant for 1920	$49,121 00

MOUNTAIN SANATORIUM, HAMILTON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	161
Admitted	176
Total number under treatment	337
Discharged	135
Died	36
Under treatment, 30th September 1920	166
	337

Sex.

Male	162
Female	175
	337

Revenue.

From the Province of Ontario	$29,541 00
From the City of Hamilton for patients' maintenance	41,198 00
From paying patients themselves	15,508 02
From endowments, investments, etc	264 68
From other sources	.....
Total	$86,511 88

Expenditures.

Butchers' meat	$14,635 72
Butter and eggs	8,693 59
Flour, bread and meal	2,913 30
Milk	6,892 41
Potatoes and other vegetables and fruit	2,990 31
Groceries and provisions not enumerated	6,975 98
Drugs and medicines	2,872 03
Dispensary work	626 17
Brooms, brushes, mops, soap and cleaning appliances	3,394 58
Bedding, napery and general house furnishings	
Fuel	5,371 68
Light: gas, oil and candles	1,394 26
Farm and stables expenses	2,296 10
Contingencies	.....
Salaries and wages	30,189 32
Taxes and insurance	368 10
Laundry	3,143 12
Advertising, stationery and postage, etc	2,574 67
Repairs, ordinary	5,032 29
Ice	48 00
Interest	708 00
Water supply	681 78
Total	$101,801 41
Government grant for 1920	$33,528 25

ESSEX TUBERCULOSIS HOSPITAL, KINGSVILLE:

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	37
Admitted	40
Total number under treatment	77
Discharged	30
Died	4
Under treatment, 30th September, 1920	43
	77

Sex.

Male	36
Female	41
	77

Revenue.

From the Government of Ontario for maintenance	$5,999 00
From the County of Essex	.....
From the City of Windsor	1,286 25
From other municipalities	4,030 88
From paying patients	7,251 35
From subscriptions, bequests and donations from private individuals	330 57
From other sources not enumerated	2,746 58
Total	$21,644 63

Expenditures.

Butchers' meat and fish	$2,446 48
Butter and eggs	968 75
Flour, bread and meal	669 43
Milk	1,953 20
Tea and coffee	116 02
Potatoes and other vegetables	548 96
Groceries and provisions not enumerated	1,421 49
Drugs and medicines	496 90
Medical and surgical appliances	.....
Bedding, napery and general house furnishings	1,523 86
Brooms, brushes, mops, soap and cleaning appliances	192 83
Fuel	960 76
Electric light, gas, oil, candles	95 47
Water supply	48 50
Ice supply	470 58
Salaries and wages	9,676 66
Taxes, insurance and interest	145 50
Contingencies	2,846 69
Repairs, ordinary	945 54
Printing, stationery, etc	43 06
Hay and straw	119 28
Total	$25,689 96
Government grant for 1920	$4,300 50

QUEEN ALEXANDRA SANATORIUM, LONDON.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	283
Admitted	424
Total number under treatment	707
Discharged	410
Died	17
Under treatment, 30th September, 1920	280
	707

Sex

Male	630
Female	77
	707

Revenue.

From the Province of Ontario	$12,015 00
From the City of London	14,623 50
From the County of Middlesex	1,549 00
From other municipalities	6,701 25
From patients themselves for maintenance and treatment	10,969 05
From subscriptions, donations and bequests from private individuals	7,036 87
From other sources	4,356 23
From Dominion Government	143,423 85
Total	$200,674 75

Expenditures.

Butchers' meat	$30,743 71
Butter and eggs	20,911 77
Flour, bread and meal	4,655 02
Milk	15,011 36
Tea and coffee	2,300 01
Potatoes and other vegetables	16,030 58
Groceries and provisions not enumerated	10,712 40
Drugs and medicines	
Medical and surgical appliances	1,614 52
	2,581 74
Surgical instruments	125 66
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	3,270 64
Brooms, brushes, mops, soap and cleaning appliances	17,108 94
Fuel	12,827 24
Electric light, gas, oil, candles	3,750 61
Salaries and wages	75,816 16
Taxes and insurance	622 22
Contingencies	1,365 70
Ice supply	48 56
Printing, stationery, postage, etc	1,737 50
Repairs, ordinary	8,836 76
Clothing for patients	68 94
Depreciation	20,512 55
Total	$250,652 59
Government grant for 1920	$13,716 25

ROYAL SANATORIUM, OTTAWA.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	57
Admitted	113
Total number under treatment	170
Discharged	80
Died	35
Under treatment, 30th September, 1920	55
	170

Sex.

Male	74
Female	96
	170

Revenue.

From the Province of Ontario	$10,667 50
From the City of Ottawa	37,454 24
From paying patients	3,319 80
From all other sources	6 43
Total	$51,447 97

Expenditures.

Butchers' meat, poultry and fish	$3,955 67
Butter and eggs	1,656 59
Flour, bread and meal	10,77 30
Milk	2,635 49
Tea and coffee	514 97
Potatoes and other vegetables	1,115 99
Groceries and provisions not enumerated	1,398 50

ROYAL SANATORIUM, OTTAWA—*Continued.*

Brooms, brushes, soap and cleaning appliances	$588 42
Drugs, medicines and appliances	1,023 33
Beer, wine and spirits	91 92
Surgical instruments	233 20
Bedding, napery and general house furnishings	2,326 41
Fuel	6,752 22
Electric light, gas, oil and candles	687 60
Water supply	.....
Ice supply	311 20
Salaries and wages	$20,434 96
Contingencies	787 17
Repairs, ordinary	2,474 56
Taxes and insurance	.....
Stationery, postage, etc	203 29
Other expenditures, not enumerated	1,196 94
Poultry feed, hay and straw	1,982 24
Total	$51,447 97
Government grant for 1920	$11,951 25

CONSUMPTIVE SANATORIUM, ST. CATHARINES

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	6
Admitted	25
Total number under treatment	31
Discharged	19
Died	8
Under treatment, 30th September, 1920	4
	31

Sex

Male	14
Female	17
	31

Revenue.

From the Province of Ontario	$1,084 00
From the City of St. Catharines	441 50
From o ther municipalities	1,217 50
From patients themselves	686 25
From endowments, investments, etc	120 00
From subscriptions, bequests and donations of private individuals	1,470 53
From other sources	388 60
From Dominion Government	282 50
Total	$5,690 88

Expenditures.

Butchers' meat	$675 76
Butter and eggs	277 41
Flour, bread and meal	172 15
Milk	207 01
Tea and coffee	82 70
Potatoes and other vegetables	119 87
Groceries and provisions not enumerated	657 11
Drugs and medicines	137 25
Bedding, napery and general house furnishings	269 76
Brooms, brushes, mops, soap and cleaning appliances	74 89
Fuel	558 75
Electric light, oil, candles	35 46
Ice	90 00
Salaries and wages	2,066 35
Taxes and insurance	.....
Contingencies	245 95
Repairs, ordinary	42 96
Water supply	11 10
Hay and straw	139 82
Beer, wine and spirits	34 60
Printing and postage	19 05
Total	$5,917 95
Government grant for 1920	$1,043 75

THE PREVENTORIUM, TORONTO.

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	41
Admitted	67
Total number under treatment	108
Discharged	80
Died	.....
Under treatment, 30th September, 1920	28
	108

Sex

Male	58
Female	50
	108

Revenue.

From the Province of Ontario	$7,996 00
From City of Toronto	10,658 90
From patients themselves for maintenance and treatment	.....
From property belonging to Hospitals, endowments, etc..	1,131 81
From subscriptions, donations and bequests from private individuals	288 00
From all other sources not above enumerated	1065 00
Total	$21,139 71

Expenditures.

Butchers' meat	$797 56
Butter and eggs	1,179 88
Flour, bread and meal	600 00
Milk	2,771 88
Tea and coffee	62 65
Potatoes and other vegetables	356 54
Groceries and provisions not enumerated	1,576 09
Drugs and medicines	81 88
Surgical instruments and appliances	.....
Beer, wine and spirits	.....
Bedding, napery and general house furnishings	2,582 78
Brooms, brushes, mops, soap and cleaning appliances	502 76
Fuel	1,731 31
Electric light, gas, oil, candles	647 94
Water supply	42 52
Clothing for patients	682 52
Ice	137 30
Salaries and wages	8,074 30
Taxes and insurance	274 44
Contingencies	195 75
Printing, stationery, etc	303 01
Repairs, ordinary	340 33
Total	$22,941 44
Government grant for 1920	$8,176 50

TORONTO FREE HOSPITAL FOR CONSUMPTIVES, WESTON.

(Including Queen Mary Hospital for Consumptive Children, and King Edward Annex.)

The following summaries show the operations of the Hospital during the official year:

Movements of Patients.

Number under treatment, 1st October, 1919	268
Admitted	354
Total number under treatment	622
Discharged	232
Died	130
Under treatment, 30th September, 1920	260
	622

Sex.

Male	325
Female	297
	622

Revenue.

From the Province of Ontario	$49,237 50
From the City of Toronto	99,702 50
From other municipalities	7,842 32
From patients themselves for maintenance and treatment	6,740 50
From endowments, investments, etc	3,903 85
From subscriptions, donations and bequests from private individuals	29,417 28
From other sources	3,300 73
From Dominion Government	2,923 63
Total	$203,068 31

TORONTO FREE HOSPITAL FOR CONSUMPTIVES, WESTON—*Continued*

Expenditures.

Butchers' meat	$23,364 69
Butter and eggs	15,980 87
Flour, bread and meal	6,827 21
Milk	16,799 79
Tea and coffee	2,112 70
Potatoes and other vegetables	7,448 62
Groceries and provisions not enumerated	17,403 08
Drugs and medicines	7,265 01
Laboratory expenses and medical appliances	927 34
Bank interest and exchange	284 57
Bedding, napery and general house furnishings	13,988 85
Brooms, brushes, mops, soap and cleaning appliances	2,614 54
Fuel	28,366 47
Electric light, gas, oil and candles	1,081 36
Laundry	7,544 40
Maintenance of plant	$35,899 33
Improving grounds	4,234 33
Advertising, stationery and postage	1,321 15
Ice	282 53
Salaries and wages	66,589 49
Taxes and insurance	1,139 22
Freight and livery	.....
Contingencies	692 39
Outside furnishings	61 71
Travelling expenses	815 51
Repairs, ordinary	9,347 21
Head office expenses	5,440 77
Medical staff supplies	.....
Horse expenses	.....
Telephones	768 95
Dispensary and X-ray	4,164 28
Water supply	7,803 25
Hay and straw	985 37
Total	$291,653 99
Government grant for 1920	$55,870 25

CITY HOUSES OF REFUGE

The usual information obtained from each Refuge, in respect of sex, and previous residence of the inmates, has been summarized as under:

Sex.

Male	1,592
Female	3,404
	4,996

Former Residence.

Received from cities and towns in which the Refuges are located	3,512
Received from counties in which the Refuges are located	543
Received from other counties in the Province	828
Immigrants and foreigners	113
	4,996

TABLE I City Refuges. Summary of the operations of each Refuge during the year:

Name of Refuge	Location.	Number of persons in the Refuges on the 1st of October, 1919.	Number admitted during the year.	Total number under lodgment during the year ending 30th September, 1920.	Total number discharged the year	Number of deaths during the year.	Number of persons remaining in the Refuges on the 30th, Sept., 1920
Home for the Friendless	Belleville ..	9	1	0	1	3	6
The Widows' Home	Brantford ..	16	1	17	.....	1	16
Home for the Friendless	Chatham ...	22	14	36	10	4	22
St. Paul's Home for the Aged	Cornwall ..	54	50	104	23	23	58
House of Providence	Dundas	111	48	159	34	12	113
Elliott Home	Guelph	40	13	53	8	7	38
House of Providence	"	20	6	26	1	3	22
Aged Women's Home	Hamilton ..	50	8	58	.....	8	50
Hamilton House of Refuge	"	112	46	158	22	18	118
St. Peter's Infirmary	"	9	4	13	2	3	8
Home for Friendless Women and Inf.	Kingston ..	16	30	46	23	7	16
House of Refuge	"	36	34	70	20	7	43
House of Providence	"	156	75	231	53	26	152
Aged People's Home	London	82	11	93	8	7	78
House of Providence	"	159	110	269	82	28	159
London Convalescent Home	"	4	7	11	10	.....	1
Monas. of Our Lady of Charity Ref.	Ottawa	182	106	288	118	2	168
Ottawa Home for Friendless Women	"	43	90	133	85	3	45
Protestant Home for the Aged	"	24	17	41	10	7	24
Protestant Orphans' Home Ref. Br.	"	14	7	21	2	.....	19
St. Charles' Hospice	"	216	55	271	28	24	219
St. Patrick Asylum, Refuge Branch	"	119	53	172	41	20	111
Women's Convalescent Home	"	1	74	75	69	1	5
Home for Elderly Women	"	3	6	9	2	.....	7
Peterborough Protestant Home	Peterborough	29	14	43	6	2	35
St. Joseph's House of Providence	"	68	42	110	31	12	67
Dis. of Parry Sound House of Ref.	Powassan ..	.....	20	20	4	2	14
Thomas Williams Home	St. Thomas	13	6	19	4	2	13
District of Algoma House of Refuge	S. St. Marie	43	19	62	13	11	38
Aged Men's Home	Toronto ...	47	14	61	7	8	46
Aged Women's Home	"	103	32	135	11	23	101
The Church Home for the Aged	"	38	7	45	5	1	39
Good Shepherd Female Refuge	"	132	51	183	42	.....	141
The Haven and Prison Gate Mission	"	121	111	232	119	2	111
Hillcrest Convalescent Home	"	21	204	225	201	.....	24
Toronto House of Industry	"	87	122	209	84	27	98
House of Providence	"	328	247	575	182	53	340
Humewood House Association	"	23	43	66	44	1	21
Industrial Refuge	"	63	9	72	14	.....	58
Julia Greenshields Home	"	30	5	35	4	.....	31
Salvation Army Rescue Home	"	42	298	340	279	5	56
Victor Home for Young Women	"	24	132	156	121	2	33
Home for the Friendless	Windsor ...	32	12	44	8	7	29
Totals for 1920	.....	2,742	2,254	4,996	1,831	372	2,793
Totals for 1919	.....	2,818	2,056	4,874	1,729	377	2,768

TABLE II City Refuges—Shows the aggregate stay of inmates upon which the amount of aid to be granted by the Government to each Refuge is based. The average stay per inmate is also given.

Name of Refuge	Location	Number of Inmates during the year.	Total days stay during the year.	Average stay per inmate in days.
Home for the Friendless	Belleville	10	2,864	286
The Widows' Home	Brantford	17	5,792	341
Home for the Friendless	Chatham	36	8,799	244
St. Paul's Home for the Aged	Cornwall	104	19,526	188
House of Providence	Dundas	159	53,378	336
Elliott Home	Guelph	26	7,500	288
House of Providence	"	53	14,595	275
Aged Women's Home	Hamilton	58	18,232	314
Hamilton House of Refuge	"	158	42,175	267
St. Peters Infirmary	"	13	2,923	225
Home for Friendless Women and Infants	Kingston	46	5,746	125
House of Refuge	"	70	15,085	215
House of Providence	"	231	58,577	254
Aged People's Home	London	93	28,790	310
House of Providence	"	269	60,573	225
London Convalescent Home	"	11	860	78
Monastery of Our Lady of Charity Ref.	Ottawa	288	63,353	220
Ottawa Home for Friendless Women	"	133	6,356	123
Protestant Home for the Aged	"	41	9,048	221
Protestant Orphan's Home Ref. Bran	"	21	5,717	272
St. Charles Hospice	"	271	79,795	294
St. Patrick's Asylum, Refuge Branch	"	172	43,777	254
Women's Convalescent Home	"	75	1,650	22
Peterboro Protestant Home	"	9	2,254	250
Home for Elderly Women	Peterborough	43	11,243	261
St. Joseph's House of Providence	"	110	26,855	244
The Dist. of P.S. House of Refuge	Powassan	20	3,930	196
Thomas William's Home	St. Thomas	19	4,721	248
District of Algoma House of Refuge	Sault St. Marie	62	16,057	259
Aged Men,s Home	Toronto	61	16,940	278
Aged Women's Home	"	135	36,219	269
The Church Home for the Aged	"	45	4,027	312
Good Shepherd Female Refuge	"	183	49,519	271
The Haven and Prison Gate Mission	"	232	42,305	182
Hillcrest Convalescent Home	"	225	9,220	41
Toronto House of Industry	"	209	36,452	174
House of Providence	"	575	123,148	214
Humewood House Association	"	66	6,987	106
Industrial Refuge	"	72	23,310	324
Julia Greenshields Home	"	35	10,976	308
Salvation Army Rescue Home	"	340	17,084	50
Victor Home for Young Women	"	156	11,667	75
Home for the Friendless	Windsor	44	11,425	259
Totals for 1920		4,996	1,039,450	208
Tootals for 1919		4,874	1,033,380	210

TABLE III.

Showing the cost of maintaining the Refuges.

Name of Refuge.	Location.	Aggregate stay of inmates.	Cost of dietaries	Expenditure for fuel, salaries and wages, and all general expenses.	Total expenditure exclusive of extraordinary expenses.	Average cost per inmate per day.
			$ c.	$ c.	$ c.	$ c.
Home for the Friendless	Belleville	2,864	530 13	899 87	1,430 00	0 49
The Widows' Home	Brantford	5,792	1,607 76	1,656 68	3,264 44	0 56
Home for the Friendless	Chatham	8,799	2,279 73	3,740 55	6,020 28	0 68
St. Paul's Home for the Aged	Cornwall	19,526	5,754 60	3,954 89	9,709 49	0 49
House of Providence	Dundas	53,378	16,112 73	11,297 35	27,410 08	0 51
Elliott Home	Guelph	7,500	3,340 34	5,379 76	8,720 10	1 16
House of Providence	"	14,595	4,533 44	4,055 83	8,589 27	0 58
Aged Women's Home	Hamilton	18,232	5,465 21	6,624 18	12,089 39	0 66
Hamilton House of Refuge	"	42,175	14,790 96	19,061 52	33,852 48	0 80
St. Peter's Infirmary	"	2,923	866 68	2,731 82	3,598 50	1 23
Home for Friendless Women and Inf	Kingston	5,746	1,338 91	2,075 21	3,414 12	0 59
House of Refuge	"	15,085	5,011 26	7,457 94	12,469 20	0 80
House of Providence	"	58,577	27,698 24	18,612 85	46,311 09	0 79
Aged People's Home	London	28,790	12,727 28	13,207 39	25,934 67	0 81
House of Providence	"	60,573	15,008 89	8,962 57	23,971 46	0 39
London Convalescent Home	"	860	379 27	642 37	1,021 64	1 19
Monas. of Our Lady of Charity Refuge	Ottawa	63,353	18,634 95	28,374 12	47,009 07	0 74
Ottawa Home for Friendless Women	"	16,356	3,532 10	22,698 56	26,230 66	1 60
Protestant Home for the Aged	"	9,048	2,358 85	24,989 03	27,347 88	3 02
Protestant Orphans' Home, Refuge Br.	"	5,717	4,663 44	11,996 17	16,659 61	2 91
St. Charles' Hospice	"	79,795	23,447 20	10,559 60	34,006 80	0 42
St. Patrick's Asylum, Refuge Branch	"	43,777	10,687 71	19,315 40	30,003 11	0 68
Women's Convalescent Home	"	1,650	1,069 70	2,393 61	3,463 31	2 09
Home of Elderly Women	"	2,254	1,157 80	2,462 10	3,619 90	1 60
Peterborough Protestant Home	Peterboro	11,243	3,061 46	5,067 10	8,128 56	0 72
St. Joseph's House of Providence	"	26,855	6,713 31	4,411 61	10,728 92	0 39
Dist. of Parry Sound Hs. of Refuge	Powassan	3,930	1,383 51	5,280 36	6,663 87	1 67
Thomas Williams Home	St. Thomas	4,721	1,564 73	2,802 24	4,366 97	0 92
District of Algoma House of Refuge	S. Ste. Marie	16,057	6,750 18	9,025 96	15,776 14	0 98
Aged Men's Home	Toronto	16,940	6,159 45	10,025 06	16,184 51	0 95
Aged Women's Home	"	36,219	13,335 94	19,546 64	32,882 58	0 90
The Church Home for the Aged	"	14,027	7,023 20	10,196 17	17,219 37	1 22
Good Shepherd Female Refuge	"	49,519	19,767 17	10,907 19	30,674 36	0 65
The Haven and Prison Gate Mission	"	42,305	9,999 43	19,614 02	29,613 45	0 70
Hillcrest Convalescent Home	"	9,220	6,294 65	8,351 23	14,645 88	1 58
Toronto House of Industry	"	36,452	8,009 05	25,639 83	33,648 88	0 92
House of Providence	"	123,148	50,252 55	45,194 55	95,447 10	0 76
Humewood House Association	"	6,987	2,034 02	6,700 41	8,734 43	1 25
Industrial Refuge	"	23,310	7,250 92	21,358 82	28,609 74	1 22
Julia Greenshields Home	"	10,976	5,094 22	7,100 22	12,194 44	1 11
Salvation Army Rescue Home	"	17,084	3,381 20	10,766 56	14,147 76	0 83
Victor Home for Young Women	"	11,667	2,554 40	3,966 23	6,520 63	0 56
Home for the Friendless	Windsor	11,425	3,214 46	2,575 21	5,789 67	0 50
Total 1920		1,039,450	346,445 03	461,678 78	808,123 81	0 78
Total 1919		1,033,380	293,467 58	353,115 89	646,583 47	0 62

City Refuges.—Shows the basis upon which statutory aid is granted

Name of Refuge.	Location	Collective days stay upon which computation of Refuge rate of 7 cents is based exclusive of infants under one year old	Collective days stay upon which computation of Refuge rate of 10 cents is based exclusive of infants under one year old.	Collective days stay upon which computation of Orphanage rate of 2 cents is based exclusive of infants under one year old.	Collective days stay upon which computation of orphanage rate of 5 cents is based exclusive of infants under one year old.	Amount received from all sources other than Government.	Computation at seven (7) cents per day.	Computation at ten (10) cents per day.	Computation at two (2) cents per day.	Computation at five (5) cents per day.	Total Government Grant to each House of Refuge for the year 1920
Home for the Friendless	Belleville	2,312	552			1,430 00	161 84	55 20			217 04
The Widows' Home	Brantford	4,320	1,472			3,150 92	302 40	147 20			449 60
Home for the Friendless	Chatham	6,625	2,174			5,278 49	463 75	217 40			681 15
St. Paul's Home for the Aged	Cornwall	14,444	5,082			8,175 61	1,011 08	508 20			1,519 28
House of Providence	Dundas	40,889	12,489			23,793 85	2,862 23	1,248 90			4,111 13
Elliott Home	Guelph	5,565	1,935			8,160 74	389 55	193 50			583 05
House of Providence	"	11,297	3,298			7,147 58	790 79	329 80			1,120 59
Aged Womens' Home	Hamilton	13,551	4,681			10,489 71	948 57	468 10			1,416 67
Hamilton House of Refuge	"	31,545	10,630			33,852 48	2,208 15	1,063 00			3,271 15
St. Peter's Infirmary	"	2,187	736			2,769 67	153 09	73 60			226 69
Home for Friendless Women and Infants	Kingston	1,085	278	2,531	1,220	3,155 39	75 95	27 80	50 62	6 1 00	215 37
House of Refuge	"	11,171	3,914			10,357 92	781 97	391 40			1,173 37
House of Providence	"	44,083	14,494			42,527 80	3,085 81	1,449 40			4,535 21
Aged Peoples' Home	London	21,447	7,343			26,304 63	1,501 29	734 30			2,235 59
House of Providence	"	45,869	14,704			20,129 65	3,210 83	1,470 40			4,681 23
London Convalescent Home	"	806	54			916 93	56 42	5 40			61 82
Monastery of Our Lady of Charity Refuge	Ottawa	39,267	11,772	9,900	2,414	28,317 84	2,748 69	1,177 20	198 00	120 70	4,244 59
Ottawa Home for Friendless Women	"	10,273	3,578	1,941	564	25,743 04	719 11	357 80	38 82	28 20	1,143 93
Protestant Home for the Aged	"	6,912	2,136			25,380 31	483 84	213 60			697 44
Protestant Orphans' Home, Refuge Branch	"	4,204	1,513			15,151 56	294 28	151 30			445 58
St. Charles' Hospice	"	59,633	20,162			28,196 06	4,174 31	2,016 20			6,190 51
St. Patrick's Asylum, Refuge Branch	"	33,334	10,443			31,013 68	2,333 38	1,044 30			3,377 68
Women's Convalescent Home	"	1,421	229			659 00	99 47	22 90			122 37
Home for Elderly Women	"	1,622	632			3,906 86	113 54	63 20			176 74
Peterborough Protestant Home	Peterborough	8,196	3,047			7,303 21	573 72	304 70			878 42
St. Joseph's House of Providence	"	20,288	6,567			8,610 10	1,420 16	656 70			2076 86
The District of Parry Sound, House of Refuge	Powassan	2,551	1,379			10,431 81	178 57	137 90			316 47
Thomas William's Home	St. Thomas	3,629	1,092			4,293 92	254 03	109 20			363 23
District of Algoma, House of Refuge	S. Ste. Marie	12,427	3,630			13,984 04	869 89	363 00			1,232 89
Aged Men's Home	Toronto	12,712	4,228			14,485 94	889 84	422 80			1,312 64
Aged Women's Home	"	26,800	9,419			31,307 00	1,876 00	941 90			2,817 90
The Church Home for the Aged	"	10,439	3,588			16,980 62	730 73	358 80			1,089 53
Good Shepherd Female Refuge	"	37,043	12,476			25,282 24	2,593 01	1,247 60			3,840 61
The Haven and Prison Gate Mission	"	21,640	7,554	9,187	3,355	25,059 63	1,514 80	755 40	183 74	167 75	2,621 69
Hillcrest Convalescent Home	"	1,475	629			14,536 34	103 25	62 90			166 15
Toronto House of Industry	"	27,153	8,999			65,887 76	1,921 71	899 90			2,821 61
House of Providence	"	92,621	30,527			85,604 86	6,483 47	3,052 70			9,536 17
Humewood House Association	"	1,787	1,046	260	1,036	9,547 78	125 09	104 60	5 20	51 80	286 69
Industrial Refuge	"	17,778	5,532			29,250 87	1,244 46	553 20			1,797 66
Julia Greenshields Home	"	8,156	2,820			11,348 41	570 92	282 00			852 92
Salvation Army Rescue Home	"	6,959	2,919	1,471	552	13,605 15	487 13	291 90	29,42	27 60	836 05
Victor Home for Young Women	"	7,366	1,884	274	1,401	5,857 27	515 62	188 40	5 48	70 05	779 55
Home for the Friendless	Windsor	8,747	2,678			4,803 68	612 29	267 80			880 09
Totals for 1920		741,929	244,315	25,564	10,542	764,190 45	51,935 03	24,431 50	511 28	527 10	77,404 91
Totals for 1919		982,148		29,669		580,552 06	68,750 36		593 38		69,343 74

SEPARATE REPORTS

THE HOME FOR THE FRIENDLESS, BELLEVILLE.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	9
Admitted	1
Total number of inmates ..	10
Discharged	1
Died	3
In residence, 30th September, 1920	6
	10

Places admitted From.

City of Belleville	10
	10

Sex..

Male	4
Female.....	6
	10

Receipts.

From the Province of Ontario ..	$277 69
From the City of Belleville	.....
From inmates	.....
Subscriptions and donations ...	.....
From other sources	1,152 31
Total	$1,430 00

Expenditures.

Food of all kinds	$530 13
Clothing and furnishings	59 70
Fuel, light and cleaning	210 94
Salaries and wages	570 82
Repairs, ordinary	2 25
Other expenses	56 16
Total	$1,430 00
Government aid for 1920	$217 04

THE WIDOWS' HOME, BRANTFORD.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	16
Admitted	1
Total number of inmates ..	17
Discharged .–.....	....
Died	1
In residence, 30th September, 1920	16
	17

Places admitted From.

City of Brantford	15
County of Brant	2
Other counties in Ontario	....
	17

Sex.

Female	17
	17

Receipts.

From the Province of Ontario ..	$363 51
From inmates	815 00
Subscriptions and donations	1,778 55
From other sources	557 37
Total	$3,514 43

Expenditures.

Food of all kinds	$1,607 76
Clothing and furnishings	122 60
Fuel, light, cleaning, etc	478 48
Salaries and wages	698 75
Repairs, ordinary, etc.....	60, 85
Other expenses	296 00
Total	$3,264 44
Government aid for 1920	$449 60

THE HOME FOR THE FRIENDLESS, CHATHAM.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	22
Admitted	14
Total number of inmates	36
Discharged	10
Died	4
In residence, 30th September, 1920	22
	36

Places Admitted From.

City of Chatham	32
County of Kent	....
Other counties in Ontario	4
Immigrants, foreigners, etc	....
	36

Sex.

Male	23
Female	13
	36

Receipts.

From the Province of Ontario	$696 99
From the City of Chatham	3,600 00
From inmates themselves	1,333 21
Subscriptions and donations of private individuals	156 00
Other sources	189 37
Total	$5,975 48

Expenditures.

Food of all kinds	$2,279 73
Clothing and furnishings	110 07
Fuel, light, cleaning, etc	474 40
Salaries and wages	1,553 00
Repairs	773 72
Other expenses	831 36
Total	$6,020 28
Government aid for 1920	$681 15

ST. PAUL'S HOME FOR THE AGED, CORNWALL.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	54
Admitted	50
Total number of inmates	104
Discharged	23
Died	23
In residence, 30th September, 1920	58
	104

Places Admitted From.

Town of Cornwall	10
County of Stormont	93
Other counties	1
Immigrants	....
	104

Sex.

Male	51
Female	53
	104

Receipts.

From the Province of Ontario	$1,511 22
From the Town of Cornwall	.....
From other municipalities	100 00
From inmates themselves	2,489 52
Subscriptions, donations and bequests of private individuals	3,872 03
From other sources	1,714 06
Total	$9,686 83

Expenditures.

Food of all kinds	$5,754 60
Clothing and furnishings	749 00
Fuel, light, cleaning, etc.	1,589 80
Repairs	150 00
Medicine and medical comforts	175 00
Other expenses	351 09
Salaries and wages	940 00
Total	$9,709 49
Government aid for 1920	$1,519 28

HOUSE OF PROVIDENCE, DUNDAS.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Patients.

In residence, 1st October, 1919 ..	111
Admitted	48
Total number of inmates. ..	159
Discharged	34
Died	12
In residence, 30th September, 1920	113
	159

Places Admitted From.

City of Hamilton	69
County of Wentworth	14
Other counties in Ontario	69
Immigrants, foreigners, etc	7
	159

Sex.

Male	61
Female	98
	159

Receipts.

From the Province of Ontario ..	$3,804 01
From the Town of Dundas ...	.....
From the County of Wentworth	.....
From other municipalities	260 00
From inmates	10,562 00
Income from property	470 00
Subscriptions and donations of private individuals	7,690 93
Other sources	4,810 35
Total	$27,597 86

Expenditures.

Food of all kinds	$16,112 73
Clothing, furniture and furnishings	2,107 99
Fuel, light and cleaning	3,664 38
Salaries	1,574 85
Repairs	1,062 32
Other expenditures	1,855 08
Medicine and medical comforts	702 58
Taxes and insurance	330 15
Total	$27,410 08
Government aid for 1920	$4,111 13

THE ELLIOT HOME, GUELPH.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 ..	20
Admitted	6
Total number of inmates ..	26
Discharged	1
Died	3
In residence, 30th September, 1920	22
	26

Places Admitted From.

City of Guelph	13
County of Wellington	3
Other counties in Ontario	10
Immigrants, foreigners, etc	....
	26

Sex.

Male	12
Female	14
	26

Revenue.

From the Province of Ontario ..	$550 13
From the City of Guelph	.....
From the County of Wellington	.....
Payments from inmates	6,759 37
Subscriptions and donations	716 92
From other sources	.....
Income from property	659 45
Total	$8,710 87

Expenditures.

Food of all kinds	3,340 34
Clothing, furniture and furnishings	267 72
Fuel, gas, etc	1,507 13
Salaries and wages	2,807 37
Repairs	364 79
Other expenses	342 75
Medicine and medical comforts	.....
Repairs, additions	90 00
Total	$8,720 10
Government aid for 1920	$583 05

HOUSE OF PROVIDENCE, GUELPH.

Full particulars of the operations of this Institution will be found in the annexed summaries :

Movements of Inmates.

In residence, 1st October, 1919 ..	43
Admitted	10
Total number of inmates ..	53
Discharged	8
Died	7
In residence, 30th September, 1920	38
	53

Places Admitted From.

From the City of Guelph	22
From the County of Wellington .	24
Other counties in Ontario	6
Foreigners, etc	1
	53

Sex.

Male	34
Female	19
	53

Receipts.

From the Province of Ontario ..	$1,148 28
From the City of Guelph	3,884 00
From inmates	720 00
From the County of Wellington	655 00
Subscriptions, donations and bequests	1,888 58
From other sources	.....
Total	$8,295 86

Expenditures.

Food of all kinds	$4,533 44
Clothing and furnishings	1,135 27
Fuel, light and cleaning	1,569 55
Salaries and wages	357 15
Ordinary repairs	361 03
Live stock and farm grounds ...	72 83
Other expenses	375 80
Medicine and medical comforts	184 20
Total	$8,589 27
Government aid for 1920	$1,120 59

HOME FOR AGED WOMEN, HAMILTON.

Full particulars of the operations of this Institution will be found in the annexed summaries :

Movements of Inmates.

In residence, 1st October, 1919 .	50
Admitted	8
Tota' number of inmates. ..	58
Number discharged	....
Number of deaths	8
In residence, 30th September, 1920	50
	58

Places Admi ted From.

City of Hamilton	58
	58

Sex.

Female	58
	58

Receipts.

From the Government of Ontario	$1,289 61
From the City of Hamilton	2,309 50
Income from property	2,910 39
Subscriptions and donations of private individuals	3,029 82
From inmates	.....
From all other sources	2,600 00
Total	$12,139 32

Expenditures.

Food of all kinds	$5,465 21
Clothing, furniture, etc	624 29
Fuel, gas, cleaning, etc	1,997 44
Salaries and wages	3,510 37
Ordinary repairs	308 07
Other expenses	96 64
Outdoor relief	.....
Medicine and medical comforts	87 37
Total	$12,089 39
Government aid for 1920	$1,416 67

HOUSE OF REFUGE, HAMILTON.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919.	112
Admitted	46
Total number of inmates....	158
Discharged	22
Died	18
In residence, 30th September, 1920	118
	158

Places Admitted From.

City of Hamilton	158
County of Wentworth	....
	158

Sex.

Male	94
Female	64
	158

Receipts.

From the Government of Ontario	$2,779 77
From the City of Hamilton	33,852 47
From other municipalities	.....
From inmates	.....
Subscriptions, donations of private individuals	.....
From all other sources	.....
	.....
Total	$36,632 25

Expenditures.

Food af all kinds	$14,790 96
Clothing, furnishings, etc	1,069 15
Fuel, light, cleaning, etc	4,775 30
Salaries and wages	9,591 41
Repairs	2,322 33
Taxes and insurance	159 57
Other expenses	1,030 24
Medicine and medical comforts	113 48
Total	$33,852 48
Government aid for 1920	$3,271 15

ST. PETER'S HOME, HAMILTON.

Full particulars of the operation of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	9
Admitted	4
Total number of inmates ..	13
Discharged	2
Died	3
In residence, 30th September. 1920	8
	13

Places Admitted From.

City of Hamilton	13
County of Wentworth and other counties	....
Immigrants, foreigners, etc	....
	13

Sex.

Male	13
Female	....
	13

Receipts.

From the Ontario Government .	$231 56
From the City of Hamilton	178 16
From the County of Wentworth	.....
From inmates	1,173 00
From subscriptions, donations, etc	398 00
From other sources	104 75
Income from property belonging to House	915 76
Total	$3,001 23

Expenditures.

Food of all kinds	$866 68
Clothing, furnishings, etc	10 45
Fuel, light and cleaning	375 73
Salaries and wages	1,419 00
Ordinary repairs	9 00
Livestock and feed	61 24
Other expenses	855 15
Medicine and medical comforts .	1 25
Total	$3,598 50
Government aid for 1920	$226 69

HOME FOR FRIENDLESS WOMEN AND INFANTS, KINGSTON.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	16
Admitted	30
Total number of inmates ..	46
Discharged	23
Died	7
In residence, 30th September, 1920	16
	46

Places Admitted From.

City of Kingston	20
County of Frontenac	15
Other counties in Ontario	11
Immigrants, foreigners, etc	.....
	46

Sex.

Male	19
Female	27
	46

Receipts.

From the Province of Ontario	$192 96
From the City of Kingston	500 00
From the County of Frontenac .	175 00
From inmates	1,499 00
Subscriptions and donations	967 20
Other sources	14 19
Total	$3,348 35

Expenditures.

Food of all kinds	$1,338 91
Clothing and furnishings	142 75
Fuel, light and cleaning, etc	479 10
Salaries and wages	812 00
Repairs	128 66
Additions	.....
Other expenses	512 70
Total	$3,414 12
Government aid for 1920	$215 37

HOUSE OF REFUGE, KINGSTON.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	36
Admitted	34
	70
Discharged	20
Died	7
In residence, 30th September, 1920	43
	70

Places Admitted From.

City of Kingston	25
County of Frontenac	23
Other counties of Ontario	22
Immigrants, foreigners, etc	.....
	70

Sex.

Male	42
Female	28
	70

Receipts.

From the Province of Ontario ..	$1,083 39
From the City of Kingston ..	1,000 00
County of Frontenac	3,105 94
Lennox and Addington	2,397 28
Payments from inmates	686 10
Income from property	1,388 60
Subscriptions and donations	1,630 00
Other sources	150 00
Total	$11,441 31

Expenditures.

Food of all kinds	$5,011 26
Clothing, furniture and furnishings	1,276 06
Fuel, light and cleaning .	1,229 16
Salaries and wages	1,569 00
Repairs, ordinary	387 09
Farming	285 53
Other expenses	838 62
Medicine and medical comforts .	67 82
Repairs, additions	1,590 35
Live stock	214 31
Total	$12,469 20
Government aid for 1920	$1,173 37

HOUSE OF PROVIDENCE, KINGSTON.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	156
Admitted	75
Total number of inmates	231
Discharged	53
Died	26
In residence, 30th September, 1920	152
	231

Places Admitted From.

City of Kingston	68
County of Frontenac	16
Other counties	138
Immigrants, foreigners, etc	9
	231

Sex.

Male	91
Female	140
	231

Receipts.

From the Province of Ontario	$3,837 54
From the City of Kingston	300 00
From the County of Frontenac	1,004 40
From other municipalities	2,176 36
Income from property	598 00
Payment from inmates	11,131 00
Subscriptions and donations	11,025 34
Sisters' earnings, etc	8,177 10
Other sources	8,115 50
Total	$46,365 34

Expenditures.

Food of all kinds	$27,698 24
Clothing, furnishings, etc	3,518 91
Salaries and wages	424 00
Fuel, light and cleaning	6,139 52
Repairs, ordinary	2,135 91
Taxes and insurance	362 17
Other expenses	4,991 29
Medicine and medical comforts	782 19
Printing and postage	258 86
Total	$46,311 09
Government aid for 1920	$4,535 21

HOME FOR AGED PEOPLE, LONDON.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	82
Admitted	11
Total number of inmates	93
Discharged	8
Died	7
In residence, 30th September, 1920	78
	93

Places Admitted From.

City of London	53
Other counties of Ontario	24
County of Middlesex	15
Immigrants, foreigners, etc	1
	93

Sex.

Male	44
Female	49
	93

Receipts.

From the Province of Ontario	$2,238 95
From the City of London	8,111 40
From the County of Middlesex	110 00
From other municipalities	.....
Payment from inmates	10,577 80
Subscriptions and donations	6,000 00
Other sources	1,505 43
Total	$28,543 58

Expenditures.

Food of all kinds	$12,727 28
Clothing, furniture and furnishings	37 93
Fuel, light and cleaning	2,303 19
Salaries and wages	5,573 50
Repairs, ordinary	778 66
Drugs and medicines	149 57
Other expenses	4,026 54
Total	$25,934 69
Government aid for 1920	$2,235 59

HOUSE OF PROVIDENCE, LONDON.

Full particulars of the operations of this Institution will be found in the annexed summaries

Movements of Inmates.

In residence, 1st October, 1919 .	159
Admitted	110
Total number of inmates ..	269
Discharged	82
Died	28
In residence, 30th September, 1920	159
	269

Places Admitted From.

City of London	63
County of Middlesex	8
Other counties in Ontario	198
Immigrants, foreigners, etc	....
	269

Sex.

Male	103
Female	166
	269

Receipts.

From the Province of Ontario ..	$3,870 09
From the City of London	.....
From other municipalities	.....
Payment from inmates	9,147 54
Subscriptions and donations	9,982 11
Other sources	1,000 00
Total	$23,999 74

Expenditures.

Food of all kinds	$15,008 89
Clothing, furniture and furnishings	1,334 05
Fuel, light and cleaning	4,729 19
Salaries and wages	1,256 75
Repairs, ordinary	508 67
Taxes, insurance, etc	395 35
Other expenses	419 94
Medicine and medical comforts .	318 92
Total	$23,971 46
Government aid for 1920	$4,681 23

CONVALESCENT HOME, LONDON.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	4
Admitted	7
Total number of inmates ..	11
Discharged	10
Died	....
In residence, 30th September, 1920	1
	11

Places Admitted From.

City of London	10
County of Middlesex and other counties	1
	11

Sex.

Male	3
Female	8
	11

Receipts.

From the Province of Ontario ..	$105 91
From the City of London	.....
Payment from inmates	246 00
Subscriptions and donations	628 25
Other sources	42 68
Total	$1,022 84

Expenditures.

Food of all kinds	$379 27
Clothing, furniture and furnishings	.....
Fuel, light, and cleaning	220 51
Salaries and wages	243 00
Repairs, ordinary	89 84
Other expenses	89 02
Total	$1,021 64
Government aid for 1920	$61 82

THE REFUGE OF OUR LADY OF CHARITY, OTTAWA.

The following summaries show the operations of this Refuge during the official year:

Movements of Inmates.

In residence, 1st October, 1919 ..	182
Admitted	106
Total number of inmates ..	288
Discharged	118
Died	2
In residence, 30th September, 1920	168
	288

Places Admitted From.

City of Ottawa	250
County of Carleton	10
Other counties in Ontario	16
Immigrants, foreigners, etc	12
	288

Sex.

Female	288
	288

Receipts.

From the Government of Ontario	$3,854 44
From the City of Ottawa	796 86
County of Carleton	50 00
From payments made by inmates	2,975 00
Subscriptions, donations, etc ...	1,870 60
Other sources	22,625 38
Income from Home Property ...	.....
Total	$32,172 28

Expenditures.

Food of all kinds	$18,634 95
Clothing and furnishings	5,957 30
Fuel, light, cleaning, etc	9,792 05
Salaries and wages	2,055 00
Repairs	1,904 15
Live stock and farm grounds ...	3,503 77
Taxes and insurance	1,928 30
Medicine and medical comforts	829 00
Repairs, additions	1,000 00
Other expenses	1,404 05
Total	$47,009 07
Government aid for 1920	$4,244 59

THE HOME FOR FRIENDLESS WOMEN, OTTAWA.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	43
Admitted	90
Total number of inmates ..	133
Discharged	85
Died	3
In residence, 30th September, 1920	45
	133

Places Admitted From.

City of Ottawa	84
County of Carleton	7
Other counties in Ontario	25
Immigrants, etc	17
	133

Sex.

Male	25
Female	108
	133

Receipts.

From the Province of Ontario ..	$744 48
From the City of Ottawa	687 50
From the County of Carleton ..	50 00
Payment from inmates	.....
Subscriptions and donations	552 50
From all other sources	24,453 04
Total	$26,487 54

Expenditures.

Food of all kinds	$3,532 10
Clothing, furniture and furnishings	1,024 87
Fuel, light and cleaning	3,269 24
Salaries and wages	9,810 56
Repairs, ordinary	1,964 74
Taxes and insurance	399 29
Medicine and medical comforts..	.....
Repairs, additions	.....
Other expenses	6,220 86
Total	$26,221 66
Government aid for 1920	$1,143 93

HOME FOR THE AGED, OTTAWA.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, October 1st, 1919	24
Admitted	17
Total number of inmates	41
Discharged	10
Died	7
In residence, 30th September, 1920	24
	41

Places Admitted From.

City of Ottawa	38
County of Carleton	2
Other counties	1
Immigrants, foreigners	....
	41

Sex.

Male	41
Female	....
	41

Receipts.

From the Government of Ontario	$652 54
From the City of Ottawa	1,062 50
From the County of Carelton	300 00
From other municipalities	.....
From payments made by inmates	1,773 18
Subscriptions, donations, etc	1,746 00
Income from property	.....
Other sources	20,498 63
Total	$26,032 85

Expenditures.

Food of all kinds	$2,358 85
Clothing and furnishings	.....
Fuel, light, cleaning, etc	934 87
Salaries and wages, etc	2,105 00
Repairs	1,256 00
Taxes and insurance	469 59
Other expenses	20,176 17
Medicine and medical comforts	47 40
Total	$27,347 88
Government aid for 1920	$697 44

REFUGE BRANCH, ORPHANS' HOME, OTTAWA.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	14
Admitted	7
Total number of inmates	21
Discharged	2
Died	....
In residence, 30th September, 1920	19
	21

Places Admitted From.

City of Ottawa	18
County of Carleton	1
Other counties in Ontario	2
Immigrants, etc	....
	21

Sex.

Female	21
	21

Receipts.

From the Province of Ontario	$847 99
From the City of Ottawa	2,156 25
From the County of Carleton	300 00
Payment from inmates	1,521 00
Income from property	777 59
Subscriptions and donations, etc	11,196 82
Total	$15,999 65

Expenditures.

Food of all kinds	$4,663 44
Clothing, furniture and furnishings	884 46
Fuel, light and cleaning	2,064 24
Salaries and wages	3,675 97
Taxes and insurance	530 65
Repairs, ordinary	649 06
Medicine, medical comforts	1,160 00
Repairs, additions	77 30
Other expenses	2,954 49
Total	$16,659 61
Government aid for 1920	$445 58

ST. CHARLES' HOSPICE, OTTAWA.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	216
Admitted	55
Total number of inmates ..	271
Discharged	28
Died	24
In residence, 30th September, 1920	219
	271

Places Admitted From.

City of Ottawa	156
County of Carleton	39
Other counties	76
Immigrant, foreigners, etc	....
	271

Sex.

Male	105
Female	166
	271

Receipts.

From the Government of Ontario	$5,655 23
From the City of Ottawa	4,025 00
From the County of Carleton ..	50 00
From other municipalities	2,241 20
Income from property belonging to the House	623 20
From payments made by inmates	9,047 30
Subscriptions, donations, etc ...	11,332 15
Other sources	877 21
Total	$33,851 29

Expenditures.

Food of all kinds	$23,447 20
Clothing and furnishings	2,452 00
Fuel, light, cleaning, etc	4,804 20
Salaries and wages	577 00
Repairs	586 25
Taxes and insurance	680 24
Other expenses	1'247 91
Medicine and medical comforts ..	212 00
Total	$34,006 80
Government aid for 1920	$6,190 51

ST. PATRICK'S REFUGE, OTTAWA.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	119
Admitted	53
Total number of inmates ..	172
Discharged	41
Died	20
In residence, 30th September, 1920	111
	172

Places Admitted From.

City of Ottawa	125
County of Carleton	22
Other counties in Ontario	.....
Immigrants, etc	25
	172

Sex.

Male	69
Female	103
	172

Receipts.

From the Government of Ontario	$3,822 16
From the City of Ottawa	2,659 39
From the County of Carleton ..	50 00
From other municipalities	.....
From payments made by inmates	8,590 59
Subscriptions, donations, etc ...	9,069 22
Other sources	10,644 48
Total	$34,835 84

Expenditures.

Food of all kinds	10,687 71
Clothing and furnishings	638 88
Fuel, light, cleaning, etc	4,308 88
Salaries and wages	2,775 55
Repairs, ordinary	984 06
Additions	370 67
Live stock and farm grounds ...	2,300 90
Taxes and insurance	1,020 86
Medicine and medical comforts .	186 85
Other expenses	6,728 75
Total	$30,003 11
Government aid for 1920	$3,377 68

CONVALESCENT HOME FOR WOMEN, OTTAWA.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Patients.

In residence, 1st October, 1919 ..	1
Admitted	74
Total number of inmates ..	75
Discharged	69
Died	1
In residence, 30th September, 1920	5
	75

Places Admitted From.

City of Ottawa	64
County of Carleton and other counties	3
Immigrants, foreigners.	8
	75

Sex.

Male	....
Female	75
	75

Receipts.

From the Province of Ontario ..	$132 58
From the City of Ottawa	550 00
From other municipalities	.....
Payments from inmates	94 00
Income from property belonging to the Home	.....
Subscriptions, donations, etc ...	15 00
Other sources	.....
Other receipts included in general fund of May Court Club.	
Total	$791 58

Expenditures.

Food of all kinds	$1,069 70
Clothing and furnishings	123 75
Fuel, light and cleaning	596 55
Salaries and wages	1,305 00
Repairs, ordinary	68 58
Medicine and medical comforts .	87 87
Other expenses	211 85
Repairs and additions	.....
Total	$3,463 31
Government aid for 1920	$122 37

ELIZABETH RESIDENCE FOR ELDERLY LADIES, OTTAWA.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 ..	3
Admitted	6
Total number of inmates ..	9
Discharged	2
Deaths	....
In residence, 30th September, 1920	7
	9

Places Admitted From.

City of Ottawa	9
Other cities and counties	....
Immigrants, foreigners, etc	....
	9

Sex.

Female	9
	9

Receipts.

From the Province of Ontario ..	.....
From the City of Ottawa	.....
From inmates	$3,027 75
Subscriptions and donations	794 74
From other sources	84 37
Total	$3,906 86

Expenditures.

Food of all kinds	$1,157 80
Clothing, furnishings, etc	726 54
Fuel, light, cleaning, etc	241 63
Salaries and wages	872 25
Repairs	53 73
Other expenses	543 18
Medicine and medical comforts .	.....
Taxes and insurance	24 77
Total	$3,619 90
Government aid for 1920	$176 74

THE PETERBOROUGH PROTESTANT HOME.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	29
Admitted	14
Total number of inmates	43
Discharged	6
Died	2
In residence, 30th September, 1920	35
	43

Places Admitted From.

City of Peterborough	43
County of Peterborough	....
	43

Sex.

Male	23
Female	20
	43

Receipts.

From the Province of Ontario	$767 55
From the City of Peterborough	3,388 62
From inmates themselves	2,211 25
Income from property belonging to the Home	298 90
Subscriptions, donations from private individuals	64 95
From all sources not above mentioned	1,339 49
Total	$8,070 55

Expenditures.

Food of all kinds	$3,061 46
Clothing and furnishings	194 51
Fuel, light and cleaning	1,315 34
Repairs, ordinary	106 04
Salaries and wages	2,413 79
Other expenses	973 22
Medicine and medical comforts	64 20
Repairs	106 04
Total	$8,128 56
Government grant for 1920	$878 42

THE PARRY SOUND DISTRICT HOUSE OF REFUGE, POWASSAN.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	....
Admitted	20
Total number of inmates	20
Discharged	4
Died	2
In residence, 30th September, 1920	14
	20

Places Admitted From.

District of Parry Sound	20
Other counties	....
Immigrants, etc	..
	20

Sex.

Male	12
Female	8
	20

Receipts.

From the Government of Ontario	$4,000 00
From other municipalities	6,045 66
From payments made by inmates	52 00
Subscriptions, donations, etc	....
Received from all other sources	344 15
Total	$10,441 81

Expenditures.

Food of all kinds	$1,383 41
Clothing and furnishings	696 07
Fuel, light, cleaning, etc	452 02
Salaries and wages	2,115 00
Repairs	932 46
Other expenses	1,075 60
Medicine and medical comforts	9 21
Taxes and insurance	.. ..
Total	$1,075 60
Government aid for 1920	$316 47

THE HOUSE OF PROVIDENCE, PETERBOROUGH.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	68
Admitted	42
Total number of inmates	110
Discharged	31
Died	12
In residence, 30th September, 1920	67
	110

Places Admitted From.

City of Peterborough	61
County of Peterborough	14
Form other counties	35
Immigrants, foreigners, etc	..
	110

Sex.

Male	42
Female	68
	110

Receipts.

From the Province of Ontario	$1,957 30
From the City and County of Peterborough	503 13
From municipalities for board of inmates	.....
From inmates	3,221 00
Subscriptions and donations	4,058 18
Other sources	827 79
Total	$10,567 40

Expenditures.

Food of all kinds	$3,317 31
Clothing and furnishings	665 00
Fuel, light and cleaning	2,544 63
Repairs, ordinary	270 73
Other expenses	571 47
Medicine and medical comforts	131 53
Salaries and wages	228 25
Total	$10,728 92
Government aid for 1920	$2,076 86

THE THOMAS WILLAMS HOME, ST. THOMAS.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	13
Admitted	6
Total number of inmates	19
Discharged	4
Died	2
In residence, 30th September, 1920	13
	19

Places Admitted From.

City of St. Thomas	19
	19

Sex.

Male	10
Female	9
	19

Receipts.

From the Province of Ontario	$369 32
From the City of St. Thomas	.....
From payments by inmates	500 00
Subscriptions, etc	731 89
Income from property	3,046 73
From other sources	15 30
Total	$4,663 24

Expenditures.

Food of all kinds	$1,564 73
Clothing and furnishings	192 00
Fuel, light, cleaning, etc	373 85
Salaries and wages	1,127 90
Repairs, ordinary	863 39
Other expenses	137 53
Medicine and medical comforts	107 57
Repairs, additions	.....
Total	$4,366 97
Government aid for 1920	$363 23

HOUSE OF REFUGE, DISTRICT OF ALGOMA, SAULT ST. MARIE.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 ..	43
Admitted	19
Total number of inmates ..	62
Discharged	13
Died	11
In residence, 30th September, 1920	38
	62

Places Admitted From.

Town of Sault Ste. Marie	32
District of Algoma	....
Other counties	30
Immigrants	....
	62

Sex.

Male	49
Female	13
	62

Receipts.

From the Province of Ontario ..	$1,058 05
From City of Sault Ste. Marie .	9,024 63
From inmates themselves	1,769 15
Subscriptions, donations and bequests of private individuals	.....
From other sources	722 78
From other municipalities	2,467 48
Total	$15,042 09

Expenditures.

Food of all kinds	$6,750 18
Light, fuel, cleaning, etc	1,039 42
Repairs, ordinary	386 01
Medicine and medical comforts ..	708 07
Salaries and wages	3,094 70
Clothing and furnishings	1,341 65
Farming	996 17
Repairs, additions	.....
Other expenses	1,459 94
Total	$15,776 14
Government aid for 1920	$1,232 89

AGED MEN'S HOME, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	47
Admitted	14
Total number of inmates ..	61
Discharged	7
Died	8
In residence, 30th September, 1920	46
	61

Places Admitted From.

City of Toronto	59
County of York and other counties	2
Immigrants, etc	....
	61

Sex.

Male	61
	61

Receipts.

From the Government of Ontario	$1,172 99
From the City of Toronto	352 00
From payments made by inmates	9,939 35
Subscriptions, donations, etc ...	358 99
Received from all other sources	3,835 60
Total	$15,658 93

Expenditures.

Food of all kinds	$6,159 45
Clothing and furnishings	1,227 84
Salaries and wages	4,389 09
Fuel, light, cleaning, etc	2,576 62
Repairs	793 13
Other expenses.....	1,023 76
Medicine and medical comforts .	14 62
Taxes and insurance	.....
Total	$16,184 51
Government aid for 1920	$1,312 64

AGED WOMEN'S HOME, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	103
Admitted	32
Total number of inmates	135
Discharged	11
Deaths	23
In residence, 30th September, 1919	101
	135

Places Admitted From.

City of Toronto	110
Other cities and counties	20
County of York	5
Immigrants, foreigners, etc	....
	135

Sex.

Female	135
	135

Receipts.

From the Province of Ontario	$2,658 55
From the City of Toronto	528 00
From inmates	22,503 08
Subscriptions and donations	575 81
From other sources	7,700 11
Total	$33,965 25

Expenditures.

Food of all kinds	$13,335 94
Clothing, furnishings, etc	1,633 21
Fuel, light, cleaning, etc	5,853 48
Salaries and wages	8,806 37
Repairs	1,862 41
Other expenses	1,249 03
Medicine and medical comforts	89 29
Taxes and insurance	52 85
	$32,882 58
Government aid for 1920	$2,817 90

CHURCH HOME FOR THE AGED, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919	38
Admitted	7
Total number of inmates	45
Discharged	5
Died	1
In residence, 30th September, 1920	39
	45

Places Admitted From.

City of Toronto	40
County of York	1
Other counties of Ontario	3
Immigrants, etc	1
	45

Sex.

Male	1
Female	44
	45

Receipts.

From the Government of Ontario	$757 19
From the City of Toronto	352 00
From other municipalities	.....
From payments made by inmates	10,031 04
Income from property belonging to Home	.....
Subscriptions, donations, etc	6,156 50
Other sources	441 08
Total	$16,980 62

Expenditures.

Food of all kinds	$7,023 20
Clothing and furnishings	405 56
Fuel, light and cleaning, etc	1,597 40
Salaries and wages	3,684 55
Repairs	986 07
Other expenses	1,794 76
Medicine and medical comforts	111 19
Bank overdraft, October, 1919	1,616 64
Total	$17,219 37
Government aid for 1920	$1,089 53

HILLCREST CONVALESCENT HOME, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1199 ..	21
Admitted	204
Total number of inmates ..	225
Discharged	201
Died	....
In residence, 30th September, 1920	24
	225

Places Admitted From.

City of Toronto	202
County of York	....
Other counties	16
Immigrants, foreigners, etc	7
	225

Sex.

Male.....	11
Female	214
	225

Receipts.

From the Province of Ontario ..	$82 25
From the City of Toronto	1,201 00
Payment from inmates	12,698 63
Income from property belonging to the Home	.....
Subscriptions and donations	.....
Received from all other sources not enumerated above	645 71
Total	$14,618 59

Expenditures.

Food of all kinds	$6,294 65
Furnishings, etc	168 07
Fuel, light and cleaning	1,881 74
Salaries and wages	3,935 00
Ordinary repairs, etc	615 00
Other expenses	903 12
Medicine and medical comforts .	22 54
Taxes and insurance	25 73
Repairs, additions	800 00
Total	$14,645 88
Government aid for 1920	$166 15

HOUSE OF INDUSTRY, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 ..	87
Admitted	122
Total number of inmates ..	209
Discharged	84
Died	27
In residence, 30th September, 1920	98
	209

Places Admitted From.

City of Toronto	209
County of York and other counties	....
Immigrants and foreigners	....
	209

Sex.

Male	127
Female	82
	209

Receipts.

From the Province of Ontario ..	$2,407 30
From the City of Toronto	45,000 00
From inmates	1,393 22
Income from property belonging to the House	1,937 77
Subscriptions and donations	10,35 50
From other sources	11 21
Bank overdraft, 1st October 1920	16,510 06
Total	$68,295 06

Expenditures.

Food of all kinds	$8,009 05
Clothing, furniture and furnishings	464 20
Fuel, light and cleaning	1,231 73
Salaries and wages	3,785 55
Repairs	925 80
Outdoor and casual poor	34,547 67
Other expenditures	1,026 11
Medicine and medical comforts ..	136 84
Advertising and printing	111 64
Taxes and insurance	347 37
Bank overdraft, Oct. 1st, 1919 .	17,709 00
Total	$68,295 06
Government aid for 1920	$2,821 61

GOOD SHEPHERD FEMALE REFUGE, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 ..	132
Admitted	51
Total number of inmates ..	183
Discharged	42
Died	....
In residence, 30th September, 1920	141
	183

Places Admitted From.

City of Toronto	142
County of York and other counties	41
Immigrants and foreigners	....
	183

Sex.

Female	183
	183

Receipts.

From the Province of Ontario ..	$3,461 50
From the City of Toronto	343 00
From inmates	.....
Subscriptions and donations	8,142 12
From other sources and laundry .	16,797 12
Total	$25,282 24

Expenditures.

Food of all kinds	$19,767 17
Clothing, furniture and furnishings	3,874 07
Fuel, light and cleaning	3,237 19
Salaries and wages	481 00
Repairs	1,618 11
Drugs and medicines	1,004 17
Other expenditures	692 65
Total	$30,674 36
Government grant for 1920	$3,840 61

THE HAVEN, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	121
Admitted	111
Total number of inmates ..	232
Discharged	119
Deaths	2
In residence, 30th September, 1920	111
	232

Places Admitted From.

City of Toronto	211
County of York	....
Other counties	21
Immigrants, etc	....
	232

Sex.

Male (infants)	38
Female	194
	232

Receipts.

From the Province of Ontario ..	$2,922 76
From the City of Toronto	1,999 92
From inmates	6,432 67
Income from laundry, etc	13,463 67
Subscriptions and donations	2,900 80
From other sources	262 57
Total	$27,982 39

Expenditures.

Food of all kinds	$9,999 43
Clothing, furnishings, etc	2,126 42
Fuel, light, cleaning, etc	5,363 28
Salaries and wages	5,969 09
Repairs	2,032 96
Other expenses	932 55
Medicine and medical comforts ..	435 82
Taxes and insurance	.....
Laundry	2,753 89
Total	$29,613 45
Government aid for 1920	$2,621 69

HOUSE OF PROVIDENCE, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	328
Admitted	247
Total number of inmates ..	575
Discharged	182
Died	53
In residence, 30th September, 1920	340
	575

Places Admitted From.

City of Toronto	500
County of York	5
Other counties in Ontario	70
Immigrants and foreigners	....
	575

Sex.

Male	283
Female	292
	575

Receipts.

From the Province of Ontario ..	$8,885 31
From the City of Toronto	18,000 00
Other municipalities	1,000 00
From inmates, in payment of board	15,914 15
Subscriptions, donations and bequests of private individuals	40,992 16
From other sources	8,507 35
Income from property	1,191 20
Total	$94,490 17

Expenditures.

Food of all kinds	$50,252 55
Clothing, furniture and furnishings	7,841 49
Fuel, light and cleaning	10,980 41
Salaries and wages	5,193 16
Drugs and medicines	1,208 98
Ordinary repairs	8,335 85
Other expenditures	1,634 65
Overdraft repaid	10,000 00
Total	$95,447 10
Government aid for 1920	$9,536 17

HUMEWOOD HOUSE, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries

Movements of Inmates.

In residence, 1st October, 1919 .	23
Admitted	43
Total number of inmates ..	66
Discharged	44
Died	1
In residence, 30th September, 1920	21
	66

Places Admitted From.

City of Toronto	53
County of York	13
Other counties of Ontario	....
Immigrants, foreigners, etc	....
	66

Sex.

Male (infants)	15
Female	51
	66

Receipts.

From the Province of Ontario ..	$265 20
From inmates	32 50
Subscriptions, donations of private individuals	4,606 11
From other sources	4,909 17
Total	$9,812 98

Expenditures.

Food of all kinds	$2,034 02
Clothing, furnishings, etc	555 08
Fuel, light, cleaning, etc	1,110 07
Salaries and wages	1,661 25
Repairs	103 81
Other expenses	3,059 81
Medicine and medical comforts..	210 39
Total	$8,734 43
Government aid for 1920	$286 69

INDUSTRIAL REFUGE, TORONTO.

Full particulars of the operations of this Institution well be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	63
Admitted	9
Total number of inmates ..	72
Discharged	14
Died	....
In residence, 30th September, 1920	58
	72

Places Admitted From.

City of Toronto	58
County of York and other counties	14
Immigrants, foreigners, etc	....
	72

Sex.

Female	72
	72

Receipts.

From the Province of Ontario ..	$1,820 84
From the City of Toronto	909 00
Payments from inmates	725 00
Subscriptions, donations, etc ...	289 48
Laundry, sewing, etc	20,587 88
Other sources	6,739 51
Total	$31,071 71

Expenditures.

Food of all kinds	$7,250 92
Clothing and furnishings	863 68
Fuel, light and cleaning	4,503 32
Salaries and wages	6,583 22
Repairs, ordinary	678 19
Medicine and medical comforts .	3 26
Other expenses	3,792 66
Laundry expenses	4,934 49
Total	$28,609 74
Government aid for 1920	$1,797 66

THE JULIA GREENSHIELDS HOME, TORONTO.

Full particulars of the operations of the Institution will be found in the annexed summaries

Movements of Inmates.

In residence, 1st October, 1919	30
Admitted.....	5
Total number of inmates ..	35
Discharged	4
Died	....
In residence, 30th September, 1920	31
	35

Places Admitted From.

City of Toronto	30
County of York	1
Other counties	4
	35

Sex.

Female	35
	35

Receipts.

From the Province of Ontario ..	$733 11
From the City of Toronto	200 00
Payments from inmates	4,941 88
Income from property belonging to the Home	261 96
Subscriptions, donations	5,944 57
Other sources	.....
Total	$12,081 52

Expenditures.

Food of all kinds	$5,094 22
Clothing and furnishings	229 82
Fuel, light and cleaning	2,012 14
Salaries and wages	2,525 10
Repairs	1,093 75
Other expenses	1,195 67
Medicine and medical comforts .	43 74
Repairs, additions	.....
Total	$12,194 44
Government grant for 1920	$852 92

S: A. RESCUE HOME, TORONTO.

Full particulars of the operations of this Institution will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 ..	42
Admitted	298
Total number of inmates ..	340
Discharged	279
Deaths	5
In residence, 30th September, 1919	56
	340

Places Admitted From.

City of Toronto	184
County of York and other counties	107
Immigrants, etc	49
	340

Sex.

Male	51
Female	289
	340

Receipts.

From the Province of Ontario ..	$542 64
From the City of Toronto	.....
From inmates	2,560 92
Subscriptions and donations	68 50
From other sources	8,181 19
Industry (sewing)	2,794 54
Total	$13,605 1[illegible]

Expenditures.

Food of all kinds	$3,381 20
Clothing, furnishings, etc	1,022 59
Fuel, light, cleaning, etc	1,213 15
Salaries and wages	4,503 00
Repairs	.....
Rent	2,306 64
Drugs and medicines	.....
Other expenses	2,721 24
Total	$14,147 76
Government aid for 1920	$836 05

VICTOR HOME FOR YOUNG WOMEN, TORONTO.

Full particulars of the operations of this Institutions will be found in the annexed summaries:

Movements of Inmates.

In residence, 1st October, 1919 .	24
Admitted	132
Total number of inmates ..	156
Discharged	121
Deaths	2
In residence, 30th September, 1920	33
	156

Places Admitted From.

City of Toronto	132
Immigrants, foreigners, etc	....
Other counties of Ontario	24
County of York	.....
	156

Sex.

Female	132
Male (infants)	24
	156

Receipts.

From the Province of Ontario ..	$663 36
From the City of Toronto	400 00
From inmates	649 16
Subscriptions, donations of private individuals	230 00
From other sources	4,398 11
Income from property	180 00
Total	$6,530 63

Expenditures.

Food of all kinds	$2,554 40
Clothing, furnishings, etc	532 37
Fuel, light, cleaning, etc	682 48
Salaries and wages	785 00
Repairs	302 17
Other expenses	2,170 71
Total	$7,027 13
Government aid for 1920	$779 55

HOME FOR THE FRIENDLESS, WINDSOR.

Full particulars of the operations of this Institutions will be found in the annexed summaries

Movements of Inmates.

In residence, 1st October, 191	32
Admi ted	12
Total number of inmates	42
Discharged	8
Died	7
In residence, 30th September, 1920	29
	44

Placed Admitted From.

City of Windsor	42
County of Essex	2
Immigrants, foreigners, etc	....
	44

Sex.

Male	24
Female	20
	44

Receipts.

From the Province of Ontario	$750 75
From the City of Windsor	3,900 00
From inmates	836 31
Subscriptions and donations	67 37
Other sources	.....
Total	$5,554 43

Expenditures.

Food of all kinds	$3,214 46
Clothing and furnishings	62 91
Fuel, light and cleaning	509 10
Repairs' ordinary	563 62
Salaries and wages	1,092 55
Other expenses	254 03
Medicine and medical comforts	93 36
Total	$5,789 67
Government aid for 1920	$880 09

ORPHAN ASYLUMS

The statistical tables on the following pages of this report show an increase in the contributions to several of the Institutions, while in some cases there is a falling off as compared with last year.

The total number of children cared for in the Orphanages during the year was 4,951, as compared with 5,000 in 1919.

In the tables will be found full details of the receiving and discharging of children, etc.

The statistics relating to the sex and previous residence of the inmates are given in the following summary:

Sex.

Male	2,368
Female	2,583
	4.951

Previous Residence.

Received from cities in which Orphanages are located	3,422
Received from counties in which Orphanages are located	474
Received from other counties in the Province	891
Immigrants and foreigners and unknown	164
	4951

TABLE I.—Schedule "C"—Orphanages.

Name of Orphanage.	Location.	No. in residence 1st of October, 1919.	No. admitted during the year ending 30th Sept., 1920	Total number maintained during the year.	No. discharged during the year.	No. of deaths during the year.	No. remaining in residence on 30th Sept., 1920.
Nazareth Orphanage	Cornwall	43	64	107	54	1	52
St. Joseph's Orphanage	Fort William	116	104	220	109	.....	111
Boys' Home	Hamilton	56	37	93	25	.....	68
Girls' Home	"	47	37	84	38	.....	46
Infants' Home and Home for the Friendless	"	88	148	236	157	2	77
St. Mary's Orphan Asylum	"	102	79	181	84	1	96
Salvation Army Rescue Home	"	18	87	105	75	.....	30
Orphans' Home and Widows' Friend Society	Kingston	54	80	134	86	.....	48
St. Mary of the Lake Orphanage	"	86	75	161	56	.....	105
Kitchener Orphanage	Kitchener	33	38	71	47	.....	24
Protestant Orphans' Home	London	32	85	117	67	.....	50
Roman Catholic Orphans' Home	"	145	127	272	132	10	130
S. A. Rescue Home and Children's Shelter	"	15	61	76	57	1	18
Ottawa Boys' Home	Ottawa	14	19	33	24	.....	9
Protestant Infants' Home	"	19	58	77	32	13	32
Protestant Orphans' Home	"	55	96	151	82	.....	69
St Joseph's Orphanage	"	247	227	474	223	.....	251
St. Patrick's Orphanage	"	82	95	177	68	.....	109
Salvation Army Rescue and Children's Home	"	72	109	181	110	8	63
St. Vincent's Orphanage	Peterborough	40	42	82	37	.....	45
Loyal True Blue Orphanage	Picton	70	42	112	46	.....	66
St. Agatha Orphans' Home	St. Agatha	47	41	88	23	2	63
Protestant Orphans' Home	St. Catharines	23	11	34	20	.....	14
Boys' Home	Toronto	72	37	109	51	.....	58
Girls' Home	"	66	58	124	60	.....	64
Infants' Home and Infirmary	"	107	383	490	332	51	107
Protestant Orphans' Home	"	92	90	182	94	.....	88
St. Mary's Infants' Home	"	50	195	245	141	51	53
Sacred Heart Orphanage	"	213	201	414	209	2	203
Working Boys' Home	"	33	88	121	82	.....	39
Totals for 1920		2,137	2,814	4,951	2,621	142	2,188
Totals for 1919		2,087	2,913	5,000	2,619	174	2,207

TABLE II.—Schedule C.—Orphanages.

Name of Orphanage.	Location.	Aggregate stay of inmates.	Total expenditure on maintenance account for the year ending 30th September, 1920.	Average cost per inmate per day.
			$ c.	$ c
Nazareth Orphanage	Cornwall	18,243	5,757 12	0 31
St. Joseph's Orphanage	Fort William	40,708	15,820 42	0 39
Boys' Home	Hamilton	21,979	9,481 19	0 43
Girls' Home	"	16,019	7,834 93	0 48
Infants' Home and Home for the Friendless	"	27,558	14,754 74	0 53
St. Mary's Orphans' Asylum	"	37,651	17,896 05	0 47
Salvation Army Rescue Home	"	8,832	7,434 23	0 84
Orphans' Home and Widows' Friend Society	Kingston	20,230	12,105 33	0 59
St. Mary of the Lake Orphanage	"	33,742	8,793 80	0 26
Kitchener Orphanage	Kitchener	10,429	4,189 46	0 40
Protestant Orphans' Home	London	13,267	9,453 87	0 71
Roman Catholic Orphans' Home	"	52,389	24,650 16	0 47
Salvation Army Rescue Home and Children's Shelter	"	15,570	25,034 53	1 61
Ottawa Boys' Home	Ottawa	4,115	4,813 09	1 17
Protestant Infants' Home	"	7,740	16,336 86	2 11
Protestant Orphans' Home	"	21,112	*	
St. Joseph's Orphanage	"	85,252	26,070 64	0 31
St. Patrick's Orphanage	"	34,878	30,003 11	0 81
Salvation Army Rescue and Children's Home	"	22,511	14,528 01	0 64
St. Vincent's Orphanage	Peterborough	15,194	4,381 15	0 28
Loyal True Blue Orphanage	Picton	24,583	17,660 92	0 72
St. Agatha Orphans' Home	St. Agatha	21,891	4,568 54	0 21
Protestant Orphans' Home	St. Catharines	8,251	6,538 60	0 79
Boys' Home	Toronto	22,259	18,514 80	0 83
Girls' Home	"	23,251	15,685 87	0 67
Infants' Home and Infirmary	"	37,630	34,647 15	0 92
Protestant Orphans' Home	"	36,026	29,814 69	0 83
St. Mary's Infants' Home	"	19,725	23,919 46	1 21
Sacred Heart Orphanage	"	76,403	40,421 18	0 53
Working Boys Home	"	13,110	11,796 03	0 90
Totals for 1920		790,548	462,905 93	0 60
Totals for 1919		791,826	363,990 38	0 46

* Included in Refuge Branch.

TABLE III. Schedule C Orphanages.

Name of Orphanage.	Location	Collective days stay upon which computation of Orphanage rate is based.	Collective days stay upon which computation of Orphanage rate is based.	Collective days stay upon which computation of Refuge rate is based.	Collective days stay upon which computation of Refuge rate is based.	Amount received from all sources other than Government.	Computations at two (2) cents per day.	Computations at five (5) cents per day.	Computations of seven (7) cents per day, being Refuge rate for adults.	Computations of ten (10) cents per day, being Refuge rate for adults.	Total Government grant for the year 1920.
Nazareth Orphanage	Cornwall	13,658	4,585			5,144 11	273 16	229 25			502 41
St. Joseph's Orphanage	Fort William	32,884	7,824			13,169 68	657 68	391 20			1,048 88
Boys' Home	Hamilton	15,578	6,401			8,797 93	311 56	320 05			631 61
Girls' Home	"	11,800	4,219			6,864 13	236 00	210 95			446 95
Infants' Home and Home for the Friendless	"	13,621	5,508	4,687	1,321	13,741 52	272 42	275 40	328 09	132 10	1,008 01
St. Mary's Orphan Asylum	"	29,073	8,578			17,189 61	581 46	428 90			1,010 36
Salvation Army Rescue Home	"		1,328	4,022	1,477	6,995 39		66 40	281 54	147 70	495 64
Orphans' Home and Widows' Friend Society	Kingston	15,238	4,992			11,691 55	304 76	249 60			554 36
St. Mary of the Lake Orphanage	"	24,260	9,482			8,107 04	485 20	474 10			959 30
Kitchener Orphanage	Kitchener	8,396	2,033			3,803 72	167 92	101 65			269 57
Protestant Orphans' Home	London	10,323	2,944			11,623 80	206 46	147 20			353 66
Roman Catholic Orphans' Home	"	39,898	12,491			23,832 50	797 96	624 55			1,422 51
S. A. Rescue Home and Children's Shelter	"	3,410	1,225	5,553	1,393	24,329 32	68 20	61 25	388 71	139 30	657 46
Ottawa Boys' Home	Ottawa	3,907	1,108			4,731 53	60 14	55 40			115 54
Protestant Infants' Home	"	5,290	2,450			28,771 65	105 80	122 50			228 30
Protestant Orphans' Home	"	15,142	5,970			*.....	302 84	298 50			601 34
St. Joseph's Orphanage	"	62,638	22,614			24,166 84	1,252 76	1,130 70			2,383 46
St. Patrick's Orphanage	"	25,425	9,453			31,013 68	508 50	472 65			981 15
Salvation Army Rescue and Children's Home	"	9,390	4,333	4,394	1,343	13,791 01	187 80	216 65	307 58	134 30	846 33
St. Vincent's Orphanage	Peterboro'	11,145	4,049			3,961 00	222 90	202 45			425 35
Loyal True Blue Orphanage	Picton	18,428	6,155			12,004 95	368 56	307 75			676 31
St. Agatha Orphan Home	St. Agatha	17,019	4,872			4,580 30	340 38	243 60			583 98
Protestant Orphans' Home	St. Catharines	6,687	1,564			8,075 89	133 74	78 20			211 94
Boys' Home	Toronto	17,168	5,091			18,587 49	343 36	254 55			597 91
Girls' Home	"	18,011	5,240			14,973 73	360 22	262 00			622 22
Infant's Home and Infirmary	"	20,399	7,721	7,020	2,490	32,241 89	407 98	386 05	491 40	249 09	1534 43
Protestant Orphans' Home	"	30,039	5,987			29,052 66	600 78	299 35			900 13
St. Mary's Infants' Home	"	9,976	3,390	4,526	1,833	35,226 34	199 52	169 50	316 82	183 30	869 14
Sacred Heart Orphanage	"	50,280	18,185	6,388	1,550	38,315 42	1,005 60	909 25	447 16	155 00	2,517 01
Working Boys' Home	"	9,923	3,187			11,660 33	198 46	159 35			357 81
Totals for 1920		548,106	182,979	36,590	11,407	466,445 01	10,962 12	9,148 95	2,561 30	1,140 70	3,813 07
Totals for 1919		745,902		45,924		334,766 29	14,918 04		3,214 68		18,132 72

—*Included in Refuge Branch.

SEPARATE REPORTS

NAZARETH ORPHANAGE, CORNWALL.

The following summaries show the operations of the Orphanage during the year:

Movements of Inmates.

In residence, 1st October, 1919 .	43
Admitted	64
Total number of inmates ..	107
Discharged	54
Died	1
In residence, 30th September, 1920	52
	107

Sex.

Male	52
Female	55
	107

Places Admitted From.

Town of Cornwall	65
County of Stormont	40
Other counties and countries	2
Immigrants, etc	...
	107

The revenue of the home including the Government grant of $201 32 was $5,345 43 and the expenditure $5,757 12.

Government, aid for 1920 $502 41

ST. JOSEPH'S ORPHANAGE, FORT WILLIAM.

The following summaries show the operation of this Charity during the year:

Movements of Inmates

In residence, 1st October, 1919 .	116
Admitted	104
Total number of inmates ..	220
Discharged	109
Died	....
In residence, 30th September, 1920	111
	220

Sex.

Male	121
Female	99
	220

Places Admitted From.

District of Thunder Bay	....
Fort William	50
Other counties in the Province .	122
Immigrants, etc	48
	220

The revenue of the Home, including the Government grant of $867.70 was $13.169.68 and the expenditure, $15.820.42.

Government, aid for 1920 $1.048.88.

PROTESTANT ORPHAN ASYLUM, HAMILTON.

The following summaries show the operation of this Asylum during the year:

Movements of Inmates.

In residence, 1st October, 1919 .	....
Admitted	....
Total number of inmates	....
Discharged	....
Deaths	....
In residence, 30th September, 1919	....
	....

Sex.

Male	....
Female	....
	....

Places Admitted From.

City of Hamilton	....
County of Wentworth and other counties	....
	....

The receipts and expenditures are included in the financial statements of the Aged Women's Home *vide* Schedule "B," Refuge Report.

Government aid for 1920 ———.

BOYS' HOME, HAMILTON.

The following summaries show the operations of this Home during the year:

Movements of Inmates.	
In residence, 1st October, 1919	56
Admitted	37
Total number of inmates	93
Discharged	25
In residence, 30th September, 1920	68
	93

Places Admitted From.	
Hamilton City	93
County of Wentworth	....
	93

The receipts of the Home during the year, including the Government grant of $396.20, were $8,797.93, and the expenditures were $9,481.19.

Government aid for 1920 $631.61.

GIRLS' HOME, HAMILTON.

The following summaries show the operations of this Home during the year:

Movements of Inmates.	
In residence, 1st October, 1919.	47
Admitted	37
Total number of inmates	84
Discharged	38
Number of deaths	....
In residence, 30th September, 1920	46
	84

Places Admitted From.	
City of Hamilton	84
County of Wentworth	....
	84

The revenue of the Home during the year, including the Government grant of $324.06, was $6,864.13, and the expenditure was $7,834.93.

Government aid for 1920, $446.95.

HOME FOR THE FRIENDLESS AND INFANTS' HOME, HAMILTON.

The following summaries show the operations of this Home during the year:

Movements of Inmates.	
In residence, 1st October, 1919	88
Admitted	148
Total number of inmates	236
Discharged	157
Died	2
In residence, 30th September, 1920	77
	236

Sex.	
Male	94
Female	142
	236

Places Admitted From.	
City of Hamilton	204
County of Wentworth	20
Other places and counties	12
Aliens	....
	236

The revenue of the Home, including Government grant of $814.65, was $14,754.74, and the expenditure, $14,754.74.

Government aid for 1920, $1,008.01

ST. MARY'S ORPHAN ASYLUM, HAMILTON.

The following summaries show the operations of this Asylum during the year:

Movements of Inmates.	
In residence, 1st October, 1919 .	102
Admitted	79
Total number of inmates	181
Discharged	84
Died	1
In residence, 30th September, 1920	96
	181

Sex.	
Male	91
Female	90
	181
Places Admitted From.	
City of Hamilton	155
County of Wentworth	9
Other counties and countries ...	17
	181

Including the Government grant of $706,44, the revenue of the Asylum during the year amounted to $17,896.05, and the expenditure to $17,897.05

Government aid for 1920, $1,010.36.

THE SALVATION ARMY RESCUE HOME, HAMILTON.

The following summaries show the operations of this Asylum during the year:

Movements of Inmates.	
In residence, 1st October, 1919 .	18
Admitted	87
Total number of inmates ...	105
Discharged	75
Died	....
In residence, 30th September, 1920	30
	105

Sex.	
Male	23
Female	82
	105
Places Admitted From.	
City of Hamilton	69
County of Wentworth	36
Other counties and countries ...	....
Aliens, etc	....
	105

The revenue of this Asylum for the year, including the Government grant of $380.16 amounted to $6995.39, and the expenditure to $6,504.57

Government aid for 1920, $495,64.

ORPHANS' HOME, KINGSTON,

The following summaries show the operations of this Institution during the year:

Movements of Inmates.	
In residence, 1st October, 1919 .	54
Admitted	80
Total number of inmates ..	134
Discharged	86
Died	....
In residence, 30th September, 1920	48
	134

Sex.	
Male	53
Female	81
	134
Places Admitted From.	
City of Kingston	72
County of Frontenac	44
Other counties in Ontario	....
Immigrants, foreigners, etc	18
	143

The revenue of this Home for the year, including the Government grant of $413.78, was $12, 366.55, and the expenditure was $11,924.25.

Government aid for 1920, $554.36.

ST. MARY'S OF THE LAKE ORPHANAGE, KINGSTON.

The following summaries show the operations of this Home during the year:

Movements of Inmates.

In residence, 1st October, 1919	86
Admitted	75
Total number of inmates	161
Discharged	56
Died	....
In residence, 30th September, 1920	105
	161

Sex.

Male	91
Female	70
	161

Places Admitted From.

City of Kingston	74
County of Frontenac	45
Other counties	42
Immigrants, etc	....
	161

The income of the Asylum during the year, including the Government grant of $691.22, amounted to $8,798.26, and the expenditure to $8,793.80.

Government aid for 1920, $959.30.

KITCHENER ORPHANAGE, KITCHENER.

The following summaries show the operations of this Orphanage during the year:

Movements of Inmates.

In residence, 1st October, 1919	33
Admitted	38
Total number of inmates	71
Discharged	47
Died	....
In residence, 30th September, 1920	24
	71

Sex.

Male	37
Female	34
	71

Places Admitted From.

Town of Kitchener	35
County of Waterloo	32
Counties in Ontario	2
Immigrants, etc	2
	71

The revenue of the Home, including the Government grant of $221.76 was $4,025.48 and the expenditures were $4,189.46.

Government aid for 1920, $269.57.

PROTESTANT ORPHANS' HOME, LONDON

The following summaries show the operations of this Orphanage during the year:

Movements of Inmates.

In residence, 1st October, 1919	32
Admitted	85
Total number of inmates	117
Discharged	67
Died	....
In residence, 30th September, 1920	50
	117

Sex.

Male	59
Female	58
	117

Places Admitted From.

City of London	117
Other counties	....
	117

The revenue of the Home including the Government grant of $252.02 was $11,875.82, and the expenditures were $9,453.87.

Government aid for 1920, $353.66.

THE PROTESTANT INFANTS' HOME, OTTAWA.

The following summaries show the operations of this Home during the year:

Movements of Inmates.

In residence, 1st October, 1919	19
Admitted	58
Total number of inmates	77
Discharged	32
Died	13
In residence, 30th September, 1920	32
	77

Sex.

Male	37
Female	40
	77

Places Admitted From.

City of Ottawa	61
County of Carleton	9
Other Counties in Province	
Immigrants, foreigners, etc	7
	77

The revenue of the Home during the year, including the Government grant of $174.62, amounted to $28,946.27, and the expenditures to $16,336.86.

Goverment aid for 1920, $228.30.

S. A. RESCUE HOME AND CHILDREN'S SHELTER, OTTAWA.

The following summaries show the operations of this Home during the year:

Movements of Inmates.

In residence, 1st October, 1919	72
Admitted during the year	109
Total number of inmates	181
Discharged	110
Died	8
In residence, 30th September, 1920	63
	181

Sex.

Male	55
Female	126
	181

Places Admitted From.

City of Ottawa	160
County of Carleton	6
Other counties	12
Immigrants, foreigners, etc	3
	181

The revenue of the Home, including Government grant of $835.53, was $14,626.54, and the expenditures were $14,528.01.

Government aid for 1920, $846.33.

ST. VINCENT'S ORPHANAGE, PETERBOROUGH.

The following summaries show the operations of this Home during the year:

Movements of Inmates.

In residence, 1st October, 1919	40
Admitted	42
Total number of inmates	82
Discharged	37
Number of deaths	....
In residence, 30th September, 1920	45
	82

Sex.

Male	38
Female	44
	82

Places Admitted From.

City of Peterborough	38
County of Peterborough	6
Other counties in the Province	38
	82

The revenue of the Home, including the Government grant of $295.10, during the year was $4,256.10, and the expenditures were $4,381.15.

Government aid for 1920, $425.35.

LOYAL TRUE BLUE ORPHANAGE, PICTON.

The following summaries show the operations of this Orphanage during the year:

Movements of Inmates.

In residence, 1st October, 1919 .	70
Admitted	42
Total	112
Discharged	46
Died	....
In residence, 30th September, 1920	66
	112

Sex.

Male	53
Female	59
	112

Places Admitted From.

City of Toronto	29
County of Prince Edward	....
Other counties of Ontario	66
Aliens	17
	112

The revenue of the Home, including the Government grant of $481.16, was $12,486.11, and the expenditures were $17,660.92.

Government aid for 1920, $676.31.

ST. AGATHA ORPHAN ASYLUM, ST. AGATHA

The following summaries show the operations of this Asylum during the year:

Movements of Inmates.

In residence, 1st October, 1919 .	47
Admitted	41
Total number of inmates ..	88
Discharged	23
Died	2
In residence, 30th September, 1920	63
	88

Sex.

Male	51
Female	37
	88

Places Admittied From.

County of Waterloo	88
Other counties	....
Aliens	....
	88

The revenue of the Asylum was $4,963.36, including the Government grant of $383.06, and the expenditure, $4,568.54.

Government aid for 1920, $583.98.

PROTESTANT HOME (ORPHANAGE BRANCH), ST. CATHARINES.

The following summaries show the operations of this Charity during the year:

Movements of Inmates.

In residence, 1st October, 1919 .	23
Admitted	11
Total number of inmates ..	34
Discharged	20
Died	....
In residence, 30th September, 1920	14
	34

Sex.

Male	22
Female	12
	34

Places Admitted From.

City of St. Catharines	30
County of Lincoln	4
Other counties	....
Aliens	....
	34

The revenue of the Home during the year, including the Government grant of $122.12, amounted to $8,198.01, and the expenditure, $6,538.60.

Government aid for 1920, $211.94.

ROMAN CATHOLIC ORPHANS' HOME, LONDON.

The following summaries show the operations of this Orphanage during the year:

Movements of Inmates.	
In residence, 1st October, 1919 .	145
Admitted	127
Total number of inmates	272
Discharged	132
Died	10
In residence, 30th September, 1920	130
	272

Sex.	
Male	139
Female	133
	272
Places Admitted From.	
City of London	114
County of Middlesex	1
Other parts of the Province	157
	272

The revenue of the Home during the year, including the Government grant of $1,009.22 amounted to $24,831.72, and the expenditure to $24,650.16.

Government aid for the year 1920, $1,422.51.

S. A. RESCUE HOME AND CHILDREN'S SHELTER, LONDON.

The following summaries show the operations of this Home during the year:

Movements of Inmates.	
In residence, 1st October, 1919 .	15
Admitted	61
Total number of inmates ..	76
Discharged	57
Died	1
In residence, 30th September, 1920	18
	76

Sex.	
Male	....
Female	76
	76
Places Admitted From	
City of London	30
Middlesex and other counties ...	41
Immigrants, foreigners, etc	5
	76

The revenue of the Home, including the Government grant of $662.55, was $24,991.87, and the expenditure, $25,034.53.

Government aid for 1920, $657.46.

BOYS' HOME, OTTAWA.

The following summaries show the operations of this Home during the year:

Movements of Inmates.	
In residence, 1st October, 1919 .	14
Admitted	19
Total number of inmates ..	33
Discharged	24
Died	....
In residence, 30th September, 1920	9
	33

Sex.	
Male	33
Female	....
	33
Places Admitted From.	
City of Ottawa	31
County of Carleton	....
Other counties in Province	....
Immigrants, foreigners, etc	2
	33

The revenue of the Home during the year, including Government grant of $81.56, amounted to $4,813.09, and the expenditures to $4,813.09.

Government aid for 1920, $115.54.

ORPHANS' HOME, OTTAWA.

The following summaries show the operations of this Home during the year:

Movements of Inmates.

In residence, 1st October, 1919 .	55
Admitted	96
Total number of inmates	151
Discharged	82
Died	....
In residence, 30th September, 1920	69
	151

Sex.

Male	71
Female	80
	151

Places Admitted From.

City of Ottawa	128
County of Carleton	19
Other counties	3
Immigrants, etc	1
	151

The receipts and expenditures are included in the financial statement of the Refuge Branch of the Orphan's Home, Ottawa. See Schedule "B," Refuge Report.
Government aid for 1920, $601.34.

ST. JOSEPH'S ORPHAN ASYLUM, OTTAWA.

The following summaries show the operations of this Charity during the year:

Movements of Inmates.

In residence, 1st October, 1919 .	247
Admitted	227
Total number of inmates	474
Discharged	223
Died	....
In residence, 30th September, 1920	251
	474

Sex.

Male	212
Female	262
	474

Places Admitted From.

City of Ottawa	230
County of Carleton	25
Other counties in Ontario	219
	474

The receipts of the Institution, including the Government grant of $1,751.18, were $25,918.02, and the expenditures, $26,070.64.
Government aid for 1920, $2,383.46.

ST.PATRICK'S ORPHAN ASYLUM, OTTAWA.

The following summaries show the operations of this Asylum during the year:

Movements of Inmates.

In residence, 1st October, 1919 .	82
Admitted	95
Total number of inmates	177
Discharged	68
Died	....
In residence, 30th September, 1920	109
	177

Sex.

Male	103
Female	74
	177

Places Admitted From.

City of Ottawa	138
County of Carleton	8
Other parts of Province	31
Other counties	....
	170

The receipts and expenditures of this Institution are included in the financial statement of the Refuge Department; *vide* Schedule "B," Refuge Report.

Government aid for 1920, $981.15.

BOYS' HOME, TORONTO.

The following summaries show the operations of this Home during the year:

Movements of Inmates.	
In residence, 1st October, 1919 .	72
Admitted	37
Total number of inmates ..	109
Discharged	51
Died	....
In residence, 30th September, 1920	58
	109

Places Admitted From.	
City of Toronto	109
County of York	....
Counties of Ontario	....
Immigrants, foreigners, etc	....
	109

The receipts of the Home during the year, including the Government grant of $501.12, amounted to $19,088.61, and the expenditures were $18,514.80.

Government aid for 1920, $597.91.

GIRLS' HOME, TORONTO

The following summaries show the operations of this Home during the year:

Movements of Inmates.	
In residence, 1st October, 1919 .	66
Admitted	58
Total number of inmates ..	124
Discharged	60
Died	....
In residence, 30th September, 1920	64
	124

Places Admitted From.	
City of Toronto	54
County of York	3
Other parts of Ontario	7
	64

The receipts of the Institution during the year, including the Government grant of $424.46, amounted to $15,398.19, and the expenditure, $15,387.57.

Government aid for 1920, $622.22.

THE INFANTS' HOME AND INFIRMARY, TORONTO.

The following summaries show the operations of this Home during the year:

Movements of Inmates.	
In residence, 1st October, 1919 .	107
Admitted	383
Total number of inmates ..	490
Discharged	332
Died	51
In residence, 30th September, 1920	107
	490

Sex.	
Male	214
Female	276
	490

Places Admitted From.	
City of Toronto	349
County of York	20
Other counties in Ontario	53
Immigrants, foreigners, etc	68
	490

The receipts of the Home during the year, including the Government grant of $1,463.77, were $33,705.66, and the expenditures were $34,647.15.

Government aid for the year 1920, 1,534.43.

ST. MARY'S INFANTS' HOME, TORONTO.

The following summaries show the operations of this Home during the year:

Movements of Inmates.

In residence, 1st October, 1919.	50
Admitted	195
Total number of inmates	245
Discharged	141
Died	51
In residence, 30th September, 1920	53
	245

Sex.

Male	88
Female	157
	245

Places Admitted From.

County of York	....
City of Toronto	185
Other counties in Ontario	55
Immigrants, foreigners, etc	5

The receipts of the Home during the year, including the Government grant of $723.46, were $35,949.80, and the expenditures were $23,919.46.

Government aid for 1920, $869.14.

PROTESTANT ORPHANS' HOME, TORONTO.

The following summaries show the operations of this Institution during the year:—

Movements of Inmates.

In residence, 1st October, 1919	92
Admitted	90
Total number of inmates	182
Discharged	94
Died	....
In residence, 30th September, 1920	88
	182

Sex.

Male	173
Female	70
	182

Places Admitted From.

City of Toronto	112
Immigrants, foreigners, etc	4
Other parts of Ontario	5
	182

The receipts of the Institution during the year, including the Government grant of $864.64, were $29,917.30, and the expenditures were $29,814.69.

Government aid for the year 1920, $900.13.

ROMAN CATHOLIC ORPHAN ASYLUM, TORONTO.

The following summaries show the operations of this Orphanage during the year;

Movements of Inmates.

In residence, 1st October, 1919	213
Admitted	201
Total number of inmates	414
Discharged	209
Died	2
In residence, 30th September, 1920	203
	414

Sex.

Male	217
Female	197
	414

Places Admitted From.

City of Toronto	385
County of York	3
Other parts of Ontario	21
Immigrants, foreigners, etc	5
	414

The receipts of Institutions during the year, including the Government grants of $2,014,26 were and the expenditure were 1920 $40,326.68

Governments aid for the year $251701.

THE WORKING BOY'S HOME, TORONTO.

The following summaries show the operations of this Home during the year:

Movements of Inmates

In residence 1st October, 1919 .	33
Admitted	88
Total number of inmates ..	121
Discharged	82
Died	....
In residence, 30th September, 1920	39
	121

Sex.

Male.....	121
	121

Places Admitted From.

City of Toronto	100
County of York	1
Counties of Ontario	15
Aliens	5
	112

The receipts of the Home during the year, including the Government grant of $254.72 amounted to $11,915.05 and the expenditures were $11.796.03.

Government aid for the year 1920, $357.81

COUNTY HOUSES OF REFUGE

The following returns have been received from the Houses of Refuge maintained by the different Counties in Ontario. These returns show the approximate value of the buildings, contents and land, also the number of acres in connection with each House of Refuge. The receipts and expenditures are also stated, together with the average number of inmates in each Refuge.

COUNTY OF BRANT

Statement showing the value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$225,000 00
" " contents	4,000 00
" " land	6,750 00
Number of acres	45

Receipts

Profits of farm	1,569 29
Received from all other sources	262 90
Amount provided out of taxation and received from Treasurer	15,817 77

Expenditures

Maintenance of House	15,817 77
Average number of inmates	50

COUNTY OF BRUCE

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$28,000 00
" " contents	1,200 00
" " land	4,500 00
Number of acres	61

Receipts

Profits of farm	289 12
Received from all other sources	562 21
Amount provided out of taxation and received from Treasurer	8,211 71

Expenditures

Maintenance of House	$9,063 04
Average number of inmates	46

COUNTY OF ELGIN

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$27,541 87
" " contents	3,000 00
" " land	11,125 26
Number of acres	100

Receipts

Profits of farm	1,350 69
Received from all other sources	381 75
Amount provided out of taxation and received from Treasurer	14,023 75

Expenditures

Maintenance of House	12,017 46
Average number of inmates	44

COUNTY OF ESSEX

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$8,200 00
" " contents	3,000 00
" " land	3,500 00
Number of acres	65

Receipts

Profits of farm	$6,668 20
Received from all other sources	6,092 28
Amount provided out of taxation and received from Treasurer	14,819 62

Expenditures

Maintenance and improvements of House	$2,059 14
Average number of inmates	44

COUNTY OF GREY

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$29,000 00
" " contents	2,000 00
" " land	5,200 00
Number of acres	97

Receipts

Profits of farm	$2,070 87
Received from all other sources	1,432 20
Amount provided out of taxation and received from Treasurer	7,594 44

Expenditures

Maintenance of House	$11,097 51
Average number of inmates	55

COUNTY OF HALDIMAND.

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$25,000 00
" " contents	2,800 00
" " land	3,000 00
Number of acres	50

Receipts

Profits of farm	$1,802 25
Received from all other sources	974 35
Amount provided out of taxation and received from Treasurer	7,099 40

Expenditures

Maintenance of House	$3,485 56
Average number of inmates	29

COUNTY OF HASTINGS

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$59,000 00
" " contents	3,000 00
" " land, barns and machinery	10,000 00
Number of acres	73

Receipts

Profits of farm	$2,665 21
Received from all other sources	2,459 83
Amount provided out of taxation and received from Treasurer	10,878 20

Expenditures

Maintenance of House	$16,003 24
Average number of inmates	80

COUNTY OF HURON

Statement showing value of property, receipts, expenditures and average number of inmates.

Approximate value of buildings	$30,000 00
" " contents	5,000 00
" " land	4,000 00
Number of acres	47½

Receipts

Profits of farm	$5,339 31
Received from all other sources	2,179 75
Amount provided out of taxation and received from Treasurer	7,056 42

Expenditures

Maintenance of House	$17,885 18
Average number of inmates	81

COUNTY OF KENT

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$40,000 00
" " contents	7,000 00
" " land	8,000 00
Number of acres	50

Receipts

Profits of farm	$1,730 00
Received from all other sources	
Amount provided out of taxation and received from Treasurer	6,562 00

Expenditures

Maintenance of House	$5,000 04
Average number of inmates	04

COUNTY OF LAMBTON.

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$40,000 00
" " contents	5,000 00
" " land	20,000 00
Number of acres	60

Receipts

Profits of farm	$600 00
Received from all other sources	1,023 60
Amount provided out of taxation and received from Treasurer	11,144 70

Expenditures

Maintenance of House	$11,926 57
Average number of inmates	43

COUNTY OF LANARK.

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$36,109 77
" " contents	6,805 45
" " land	10,000 00
Number of acres	125

Receipts

Profits of farm	$3,299 27
Received from all other sources	8,240 08
Amount provided out of taxation and received from Treasurer	7,808 50

Expenditures

Maitenance of House	$19,347 85
Average number of inmates	72

COUNTIES OF LEEDS AND GRENVILLE

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$25,000 00
" " contents	5,000 00
" " land	5,000 00
Number of acres	100

Receipts

Profits of farm	$910 21
Received from all other sources	468 00
Amount provided out of taxation and received from Treasurer	9,070 19

Expenditures

Maintenance of House	$10,448 40
Average number of inmates	38

COUNTY OF LINCOLN

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$50,000 00
" " contents	8,000 00
" " land	18,000 00
Number of acres	70

Receipts

Profits of farm	$3,497 78
Received from all other sources	4,030 58
Amount provided out of taxation and received from Treasurer	7,117 72

Expenditures

Maintenance of House and improvements	$16,393 44
Average number of inmates	53

COUNTY OF MIDDLESEX

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$25,000 00
" " contents	3,500 00
" " land	15,000 00
Number of Acres	103

Receipts

Profits of farm	$2,147 47
Received from all other sources	1,055 53
Amount provided out of taxation and received from Treasurer	21,542 65

Expenditures

Maintenance of House	$21,542 65
Average number of inmates	63

COUNTY OF NORFOLK.

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$39,000 00
" " contents	8,000 00
" " land	3,700 00
Number of acres	96

Receipts

Profits of farm	$384 19
Received from all other sources	
Amount provided out of taxation and received from Treasurer	13,790 72

Expenditure

Maintenance of House	$14,390 72
Average number of inmates	55

COUNTIES OF NORTHUMBERLAND AND DURHAM

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$55,500 00
" " contents	3,000 00
" " land	4,500 00
Number of Acres	45

Receipts

Profits of farm, sale of stock	$351 52
Received from all other sources	804 45
Amount provided out of taxation and received from Treasurer	18,052 37

Expenditures

Maintenance of House and permanent improvements	$19,208 34
Average number of inmates	73

COUNTY OF ONTARIO

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$30,000 00
" " contents	3,000 00
" " land	7,000 00
Number of acres	62

Receipts

Profits of farm	$3,430 00
Received from all other sources	332 50
Amount provided out of taxation and received from Treasurer	13,827 42

Expenditures

Maintenance of House	$13,827 42
Average number of inmates	59

COUNTY OF OXFORD

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$35,000 00
" " contents	8,860 00
" " land	5,000 00
Number of acres	100

Receipts

Profits of farm	$1,814 34
Received from all other sources	941 67
Amount provided out of taxation and received from Treasurer	9,624 64

Expenditures

Maintenance of House	$12,380 65
Average number of inmates	67

COUNTIES OF PEEL AND HALTON

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings and land	$13,500 08
" " contents	2,500 00
" " land	5,000 00
Number of acres	40

Receipts

Profits of farm	
Received from all other sources	702 18
Amount provided out of taxation and received from Treasurer	8,700 00

Expenditures

Maintenance of House	$2,418 29
Average number of inmates	40

COUNTY OF PERTH

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$50,000 00
" " contents	5,000 00
" " land	5,400 00
Number of acres	54

Receipts

Profits of farm	$1,009 09
Received from all other sources	1,715 92
Amount provided out of taxation and received from Treasurer	7,013 52

Expenditures

Maintenance of House	$7,013 52
Average number of inmates	61¼

COUNTY OF PETERBOROUGH

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$24,500 00
" " contents	2,300 00
" " land	5,500 00
Number of acres	96

Receipts

Profits of farm	$1,357 73
Received from all other sources	13 27
Amount provided out of taxation and received from Treasurer	7,611 14

Expenditures

Maintenance of House	$6,119 14
Average number of inmates	38

COUNTIES OF PRESCOTT AND RUSSELL

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$70,000 00
" " content	8,000 00
" " land	4,000 00
Number of acres	100

Receipts

Profits of farm	$4,223 30
Received from all other sources	9,737 44
Amount provided out of taxation and received from Treasurer	9,306 11

Expenditures

Maintenance of House	$13,950 74
Average number of inmates	65

COUNTY OF PRINCE EDWARD

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$30,000 00
" " contents	10,000 00
" " land	5,000 00
Number of acres	45

Receipts

Profits of farm	$5,809 34
Received from all other sources	
Amount provided out of taxation and received from Treasurer	

Expenditures

Maintenance of House	$10,202 11
Average number of inmates	31

COUNTY OF SIMCOE

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$41,500 00
" " contents	13,001 54
" " land	6,500 00
Number of acres	100 00

Receipts

Profits of farm	$2,663 92
Received from all other sources	127 76
Amount provided out of taxation and received from Treasurer, including improvements	17,863 47

Expenditures

Maintenance of House	$17,200 27
Average number of inmates	71

COUNTIES OF STORMONT, DUNDAS AND GLENGARRY

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$50,000 00
" " contents	4,000 00
" " land	10,000 00
Number of acres	140

Receipts

Profits of farm	$1,520 87
Received from all other sources	579 73
Amount provided out of taxation and received from Treasurer	10,557 97

Expenditures

Maintenance of House	$12,768 57
Average number of inmates	54

COUNTY OF VICTORIA

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$51,528 49
" " contents	10,030 13
" " land	8,344 77
Number of Acres	70

Receipts

Profits of farm	$1,214 14
Received from all other sources	2,021 33
Amount provided out of taxation and received from Treasurer	17,455 72

Expenditures

Maintenance of House	$15,7 1 19
Average number of inmates	48

COUNTY OF WATERLOO

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$20,000 00
" " contents	5,000 00
" " land	20,000 00
Number of acres	100

Receipts

Profits of farm	$,629 63
Received from all other sources	1,507 39
Amount provided out of taxation and received from Treasurer	25,753 27

Expenditures

Maintenance of House	$28,890 29
Average number of inmates	105

COUNTY OF WELLAND

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$30,000 00
" " contents	2,000 00
" " land	6,000 00
Number of acres	60

Receipts

Profits of farm	$2,153 45
Received from all other sources	2,058 47
Amount provided out of taxation and received from Treasurer	7,534 65

Expenditures

Maintenance of House	$11,746 57
Average number of inmates	54

COUNTY OF WELLINGTON

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$41,000 00
" " contents	6,000 00
" " land	3,000 00
Number of acres	58

Receipts

Profits of farm	$485 84
Received from all other sources	796 20
Amount provided out of taxation and received from Treasurer	9,400 00

Expenditures

Maintenance of House	$6,489 57
Average number of inmates	72

COUNTY OF WENTWORTH

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$30,000 00
" " contents	6,000 00
" " land	14,000 00
Number of acres	188

Receipts

Profits of farm	$4,779 03
Received from all other sources	984 53
Amount provided out of taxation and received from Treasurer	4,592 91

Expenditures

Maintenance of House	$4,592 91
Average number of inmates	32

COUNTY OF YORK

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	$24,000 00
" " contents	4,000 00
" " land	7,000 00
Number of acres	70

Receipts

Profits of farm	$3,102 15
Received from all other sources	587 00
Amount provided out of taxation and received from Treasurer	29,550 00

Expenditures

Maintenance of House	$32,705 61
Average number of inmates	76

Fifty-Third Annual Report

OF THE

Inspector of Prisons and Public Charities

UPON THE

Prisons and Reformatories

OF THE

PROVINCE OF ONTARIO

BEING FOR THE YEAR ENDING 31st OCTOBER

1920

PRINTED BY ORDER OF
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1921

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Parliament Buildings, Toronto, December 16th, 1920.

To His Honour Lionel Herbert Clarke,

Lieutenant-Governor of the Province of Ontario.

May it Please Your Honour:

I beg to submit herewith the Fifty-third Annual Report upon the Prisons and Reformatories being for the year ending 31st October, 1920.

I have the honour to be,

Your Honour's most obedient servant,

H. C. NIXON,
Provincial Secretary.

Toronto, December 6th, 1920.

SIR,—I have the honour to submit herewith, to be presented to His Honour the Lieutenant-Governor, the Fifty-third Annual Report upon the Prisons and Reformatories of the Province of Ontario, being for the year ending 31st October, 1920.

I have the honour to be, Sir,

Your obedient servant,

W. W. DUNLOP,

Inspector.

The Honourable H. C. Nixon, M.P.P.,

Secretary of the Province of Ontario,

Toronto.

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FIFTY-THIRD ANNUAL REPORT

UPON THE

Gaols and District Lock-ups of Ontario

In presenting the Fifty-third Annual Report of the Gaols and Lock-ups of Ontario, I beg to submit the following statistics for the year ending September 30th, 1920.

---

(1) Number of Gaols in Ontario	46
Number of Provincial Lock-ups	4

(2) Total expenditure for Gaol maintenance in Ontario:

In 1919	$235,582.02
In 1920	273,634.17
Increase	$ 38,052.15

(3) The cash revenue from Gaol labour during 1920 was $2,991.00, and was earned at Kingston, Ottawa and Gore Bay.

Average cost per day for each prisoner in the County Gaols of Ontario was:

In 1919	46.36 cents.
In 1920	56.03 cents.

(4) Number of persons committed to Gaols and Lock-ups during the past two years was:

In 1919	13,096
In 1920	14,756
Increase during the past year	1,660
Commitments for murder in 1919	46
Commitments for murder in 1920	30
Decrease	16
Commitments for manslaughter in 1919	22
Commitments for manslaughter in 1920	17
Decrease	5

Commitments for crime against the person:

In 1919	543
In 1920	537
Decrease	6

Commitments for crime against property:

In 1919	3,624
In 1920	4,756
Increase	1,132

Commitments for crime against public morals and decency:

In 1919	602
In 1920	484
Decrease	118

Commitments for crime against public order and peace:

In 1919	6,498
In 1920	6,992
Increase	494

Number of insane committed to Gaols:

In 1919	189
In 1920	271
Increase	82

Prisoners sentenced to the Penitentiary during the past year show a decrease of 60 as compared with the previous year, and the number transferred to the Reformatories was 191 more than in 1919.

Number of prisoners sentenced in 1920	8,643
Number of prisoners sentenced in 1919	7,904
Increase	541

The percentage of sentences to commitments was:

In 1919	60.3
In 1920	58.5

The number of prisoners sentenced to terms over one year was 82 more than during the previous year.

The number confined in penal institutions of Ontario was 304 more on September 30th, 1920, than on the same date last year.

Of those committed during the year, 4,975 were married and 9,781 were single.

Habits of life of those committed to Gaols:

In 1919, number of commitments, 13,096; temperate, 6,759; percentage, 51.61.

In 1920, number of commitments, 14,756; temperate, 6.598; percentage, 37.94.

13.37 per cent. of the prisoners committed to the gaols during the past year could not read or write.

Number of days' stay of prisoners:

In 1919	207,676
In 1920	200,325
Showing a decrease of days	7,351

Escapes and captures:

Thirty-three prisoners escaped during the year, of whom fifteen were recaptured.

Deaths in Gaols:

In 1919	6
In 1920	4

COMMON GAOLS

The following table shows the number of prisoners committed to the Common Gaols in the Province in each year, from 1st October, 1869, to 30th September, 1920.

Date of Commitment.	Men over 16 years of age.	Boys under 16 years of age.	Women over 16 years of age.	Girls under 16 years of age.	Totals.
Commitments for the year ending 30th September, 1869	3,599	294	1,680	82	5,655
" " 1870	4,215	319	1,737	108	6,379
" " 1871	4,586	329	1,642	58	6,615
" " 1872	5,006	281	1,615	56	6,958
" " 1873	5,745	323	1,735	74	7,877
" " 1874	7,298	377	1,746	67	9,488
" " 1875	8,048	389	1,566	70	10,073
" " 1876	9,005	434	1,727	70	11,236
" " 1877	11,653	542	1,824	62	13,481
" " 1878	9,537	480	1,959	54	12,030
" " 1879	8,995	416	1,756	53	11,220
" " 1880	8,229	549	1,863	59	11,300
" " 1881	7,007	468	1,681	73	9,229
" " 1882	2,286	522	1,750	62	9,620
" " 1883	7,858	423	1,551	48	9,880
" " 1884	9,858	458	1,719	46	12,081
" " 1885	9,419	450	1,507	50	11,426
" " 1886	8,831	352	1,424	38	10,655
" " 1887	8,996	409	1,574	38	11,017
" " 1888	10,060	551	1,778	65	12,454
" " 1889	10,349	451	1,685	46	12,531
" " 1890	9,622	461	1,677	50	11,810
" " 1891	8,460	421	1,501	32	10,423
" " 1892	7,177	446	1,335	53	9,011
" " 1893	6,798	388	1,399	34	8,619
" " 1894	7,785	278	1,350	37	9,450
" " 1895	7,912	284	1,154	30	9,380
" " 1896	7,622	265	1,147	24	9,058
" " 1897	7,533	235	1,069	47	8,884
" " 1898	6,974	284	969	29	8,256
" " 1899	6,846	267	1,057	33	8,203
" " 1900	7,063	298	1,291	42	8,694
" " 1901	7,059	262	1,198	27	8,546
" " 1902	6,850	216	1,199	15	8,280
" " 1903	7,815	225	1,200	21	9,261
" " 1904	8,810	156	1,165	15	10,146
" " 1905	9,668	113	1,232	22	11,035
" " 1906	9,541	136	1,124	9	10,810
" " 1907	10,489	87	1,217	11	11,804
" " 1908	11,670	76	1,323	14	13,083
" " 1909	11,935	87	1,501	12	13,535
" " 1910	12,073	87	1,514	13	13,687
" " 1911	13,572	91	1,600	12	15,275
" " 1912	15,238	91	1,645	11	16,985
" " 1913	17,442	85	1,713	10	19,250
" " 1914	21,024	84	1,665	4	22,777
" " 1915	18,566	90	1,669	12	20,337
" " 1916	14,506	80	1,502	12	16,100
" " 1917	11,417	142	878	8	12,445
" " 1918	12,182	136	914	10	13,242
" " 1919	12,034	183	872	7	13,096
" " 1920	13,759	106	882	9	14,756

The next table shows the number of prisoners (male and female) committed to each gaol during 1919 and 1920, and the increase and decrease in the commitments of the latter year compared with the former.

Name of Gaol	Number of prisoners committed in the year ending 30th Sept., 1919.			Number of prisoners committed in the year ending 30th Sept., 1920.			Increase			Decrease		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie	79	4	83	74	3	77	....	....	....	5	1	6
Kitchener	96	6	102	116	10	126	20	4	24	....	....	....
Belleville	272	17	289	324	16	340	52	....	52	....	1	1
Brantford	139	12	151	143	13	156	4	1	5	....	....	....
Brampton	38	3	41	47	1	48	9	....	9	....	2	2
Brockville	121	8	129	107	3	110	....	....	....	14	5	19
Bracebridge	23	2	25	15	3	18	....	1	1	8	....	8
Cayuga	19	3	22	29	2	31	10	....	10	....	1	1
Cornwall	77	3	80	74	1	75	....	....	....	3	2	5
Cobourg	63	3	66	80	2	82	17	....	17	....	1	1
Chatham	142	7	149	169	17	186	27	10	37	....	....	....
Fort Frances	83	1	84	135	5	140	52	4	56	....	....	....
Goderich	42	3	45	43	.....	43	1	....	1	....	3	3
Guelph	62	5	67	49	5	54	....	....	....	13	....	13
Gore Bay	7	1	8	11	3	14	4	2	6	....	....	....
Hamilton	877	90	967	778	77	855	....	....	....	99	13	112
Kingston	148	8	156	98	8	106	....	....	....	50	....	50
Kenora	24	2	26	49	3	52	25	1	26	....	....	....
London	561	49	610	557	53	610	....	4	4	4	....	4
Lindsay	28	2	30	20	.....	20	....	....	....	8	2	10
L'Orignal	29	7	36	22	3	25	....	....	....	7	4	11
Milton	64	1	65	54	3	57	....	2	2	10	....	10
Napanee	22	6	28	13	3	16	....	....	....	9	3	12
North Bay	165	12	177	199	16	215	34	4	38	....	....	....
Ottawa	760	85	845	616	78	694	....	....	....	144	7	151
Owen Sound	65	3	68	79	.....	79	14	....	14	....	3	3
Orangeville	11	1	12	11	2	13	....	1	1	....	....	....
Perth	41	1	42	59	1	60	18	....	18	....	....	....
Picton	21	4	25	18	3	21	....	....	....	3	1	4
Pembroke	41	1	42	76	1	77	35	....	35	....	....	....
Peterborough	122	15	137	123	3	126	1	....	1	....	12	12
Port Arthur	213	19	232	295	14	309	82	....	82	....	5	5
Parry Sound	194	10	204	96	5	101	....	....	....	98	5	103
Simcoe	32	5	37	24	8	32	....	3	3	8	....	8
St. Catharines	115	8	123	133	11	144	18	3	21	....	....	....
Sarnia	86	8	94	92	3	95	6	....	6	....	5	5
Stratford	50	5	55	79	3	82	29	....	29	....	2	2
Sandwich	215	19	234	475	18	493	260	....	260	....	1	1
St. Thomas	97	14	111	116	7	123	19	....	19	....	7	7
Sault Ste. Marie	240	10	250	318	19	337	78	9	87	....	....	....
Sudbury	821	31	852	1,282	49	1,331	461	18	479	....	....	....
Toronto	5,289	321	5,610	6,225	375	6,600	936	54	990	....	....	....
Walkerton	42	10	52	21	4	25	....	....	....	21	6	27
Woodstock	121	8	129	116	6	122	....	....	....	5	2	7
Welland	323	32	355	204	16	220	....	....	....	119	16	135
Whitby	61	3	64	125	6	131	64	3	67	....	....	....
Lock-ups:												
Byng Inlet	6	.....	6	8	.....	8	2	....	2	....	....	....
Cobalt	67	9	76	65	9	74	....	....	....	2	....	2
Mine Centre	5	.....	5	3	.....	3	....	....	....	2	....	2
	12,219	877	13,096	13,865	891	14,756	2,278	124	2,402	632	110	742

The number of commitments in five-year periods for the past eighteen years is shown in the subjoined tables divided into five classes:

1. CRIMES AGAINST THE PERSON.

Nature of crime	1902 to 1906	1907 to 1911	1912 to 1916	1917	1918	1919	1920
Assault, common	1,729	2,901	2,610	261	198	206	241
Assault, felonious	883	1,087	1,052	86	147	135	138
Cutting and wounding, stabbing and shooting with intent	350	475	546	81	63	72	52
Rape and assault with intent	245	272	289	33	30	46	44
Murder	130	144	150	32	34	46	30
Manslaughter	60	55	72	16	21	22	17
Attempt at suicide	85	123	127	5	11	16	15
Miscellaneous	14	68	382	.....	.....	.....	.....
Totals	3,496	4,315	5,228	514	504	543	537

2. CRIMES AGAINST PROPERTY.

Nature of crime	1902 to 1906	1907 to 1911	1912 to 1916	1917	1918	1919	1920
Arson and incendiarism	156	134	238	28	25	28	18
Burglary	279	343	435	117	91	159	426
Counterfeiting and passing counterfeit money	31	31	20	1	2	.....	3
Destroying and injuring property	333	279	384	46	29	34	37
Embezzlement	28	44	35	.....	54	2	.....
Forgery	233	407	462	73	75	98	116
Fraud and obtaining money or goods under false pretenses	627	1,059	1,857	246	309	244	360
Horse, cattle and sheep stealing	253	234	206	45	27	35	39
Housebreaking and robbery	723	929	1,434	241	231	427	653
Larceny	7,257	10,548	12,059	1,445	1,981	2,031	2,166
Receiving stolen goods	138	267	404	46	63	72	281
Trespass	1,928	1,919	3,511	128	102	112	193
Miscellaneous	.....	136	886	255	333	382	454
Totals	11,986	16,390	21,931	2,671	3,322	3,624	4,756

3. CRIMES AGAINST PUBLIC MORALS AND DECENCY.

Nature of crime	1902 to 1906	1907 to 1911	1912 to 1916	1917	1918	1919	1920
Bigamy	106	159	204	60	69	57	54
Inmates and frequenters of houses of ill-fame	769	959	1,720	260	271	220	123
Keeping houses of ill-fame	443	698	1,420	155	143	99	43
Perjury	103	206	165	26	32	21	30
Seduction	106	252	255	34	46	40	46
Indecent assault and exposure	455	616	880	85	102	129	105
Miscellaneous	210	204	190	44	51	36	43
Totals	2,192	3,094	4,834	664	714	602	484

4. OFFENCES AGAINST PUBLIC ORDER AND PEACE.

Nature of crime	1902 to 1906	1907 to 1911	1912 to 1916	1917	1918	1919	1920
Abusive and obscene language	172	160	141	12	4	4	6
Breaches of peace, breaches of by-laws, escapes from and obstructing constables	841	1,066	1,247	245	196	245	165
Carrying unlawful weapons	207	299	339	33	38	50	65
Deserting employment	333	72	230	51	38	26	3
Drunk and disorderly	17,624	25,685	36,027	3,907	2,595	3,415	4,414
Deserting the Militia	.....	.....	.....	348	421	366	44
Selling liquor without license, and selling or giving it to Indians, and Breaches of the Ontario Temperance Act	188	857	1,464	841	907	924	787
Threatening and seditious language	106	184	182	20	45	32	20
Vagrancy	7,900	10,233	15,328	1,274	1,219	1,417	1,464
Miscellaneous	698	322	290	57	31	19	24
Totals	38,069	38,878	55,248	6,788	5,494	6,498	6,992

5. OTHER CAUSES FOR WHICH PERSONS WERE DETAINED AS PRISONERS.

Nature of crime	1902 to 1906	1907 to 1911	1912 to 1916	1917	1918	1919	1920
Contempt of Court	345	306	438	49	28	23	36
Debtors	53	62	131	12	56	30	15
Detained as witnesses	73	109	192	35	15	18	32
Lunatics and persons dangerous to be at large	1,897	1,862	1,765	225	201	189	271
Non-payment of fines and costs	.....	3	.....	.....	.....	.....	.....
Want of sureties to keep the peace	119	333	253	10	8	15	2
Other offences not classified in foregoing	1,292	2,318	5,429	1,477	2,900	1,554	1,631
Totals	3,779	4,993	8,208	1,808	3,208	1,829	1,987
Total number of persons committed for the respective years	49,532	67,670	95,449	12,445	13,242	13,096	14,756

STATISTICAL TABLES

A table showing the number of commitments to each gaol for drunkenness during and the increase or decrease

Name of gaol	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.
Barrie	34	34	19	10	21	9	24	21	11	10	16	12	21	14	16
Belleville	49	34	18	24	25	19	16	12	13	16	12	11	20	6	12
Brantford	182	112	89	120	125	124	106	115	85	64	88	74	82	136	162
Brampton	30	17	....	9	9	11	6	2	3	4	4	4	5	3	4
Brockville	58	44	44	77	86	70	43	48	49	45	41	58	66	55	50
Bracebridge	15	19	5	5	5	4	4	3	2	3	....	5	5	9	8
Cayuga	15	22	7	....	5	6	6	9	10	13	10	19	12	5	11
Cornwall	25	14	22	27	10	24	9	11	28	21	19	12	15	18	17
Cobourg	38	22	25	11	19	18	16	12	15	20	10	16	14	12	12
Chatham	71	47	26	28	22	67	9	13	13	15	18	18	11	9	8
Fort Frances	....	....	....	....	....	....	....	....	....	....	....	....	33	....	....
Goderich	5	5	2	3	3	....	....	2	1	2	5	5	1	2	8
Guelph	10	4	14	9	23	17	7	9	9	3	13	4	13	4	6
Gore Bay	4	1	2	1	2	3	....	....	....	....	....	....	1	3	3
Hamilton	418	251	142	148	55	36	60	56	60	66	96	108	97	188	229
Kingston	120	125	87	102	72	89	49	51	50	48	31	47	40	58	62
Kitchener	17	13	4	6	7	7	10	12	10	7	4	4	11	15	10
Kenora	66	66	81	75	65	31	76	26	111	110	23	34	36	37	21
London	332	213	150	218	219	187	177	139	163	172	137	137	250	157	262
Lindsay	5	1	5	2	5	2	5	4	5	6	7	8	8	8	10
L'Orignal	....	5	1	2	1	3	2	2	....	2	2	....	3	1	3
Milton	9	9	6	4	8	3	8	3	4	2	4	4	4	8	12
Napanee	22	23	12	9	20	8	6	5	13	4	7	4	7	3	5
North Bay	35	16	14	15	7	10	5	....	4	....	3	12	5	73	99
Ottawa	326	204	182	105	111	157	152	165	137	135	224	293	221	267	247
Owen Sound	17	13	14	11	6	....	8	6	11	7	8	12	16	13	10
Orangeville	2	1	2	....	....	....	....	....	1	....	3	....	....	....	....
Perth	5	5	3	2	3	6	2	2	7	9	7	12	17	34	20
Picton	33	19	11	11	21	11	22	31	23	30	35	19	21	18	18
Pembroke	1	....	5	7	4	7	3	5	5	....	1	4	1	7	1
Peterborough	45	24	22	16	15	13	10	11	11	10	6	13	9	14	23
Port Arthur	12	4	3	4	1	3	5	12	4	2	9	8	7	50	25
Parry Sound	9	....	2	4	5	7	2	3	3	5	8	4	5	25	10
Simcoe	3	10	5	3	11	17	6	6	16	10	11	6	12	11	15
St Catharines	24	12	9	21	17	26	23	5	17	10	15	33	21	28	20
Sarnia	108	95	27	36	69	116	57	62	49	61	48	45	71	57	69
Stratford	14	4	7	9	15	7	10	15	5	1	9	12	8	15	19
Sandwich	35	57	38	11	19	39	16	23	20	16	27	18	31	42	29
St. Thomas	20	32	12	15	19	22	13	12	8	17	23	9	6	5	8
Sault Ste. Marie	12	10	12	8	5	2	12	9	8	7	7	21	16	79	15
Sudbury	55	77	5	119	38	42	25	41	34	54	197	222	172	49	164
Toronto	2,085	1,783	1,444	1,207	960	918	790	569	592	796	1,031	1,022	1,107	1,286	1,575
Walkerton	6	7	3	13	8	21	5	3	1	4	4	....	1	1	1
Woodstock	51	34	24	38	21	29	37	35	32	31	21	39	36	41	31
Welland	16	7	13	12	11	19	17	16	14	19	20	24	23	24	87
Whitby	2	....	1	2	1	2	....	1	4	5	2	3	5	2	11
Lock-ups:															
Atikokan	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Burk's Falls	1	....	....	....	....	2	1	....	1	....	....	4	1	1	4
Byng Inlet	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cobalt	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Killarney	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Manitowaning	33	33	22	16	5	16	4	2	4	5	7	10	12	3	6
Mine Centre	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Webbwood	....	....	....	....	....	....	9	7	6	2	9	17	48	17	14
Totals	4,475	3,528	2,641	2,575	2,174	2,236	1,873	1,596	1,672	1,869	2,282	2,446	2,627	2,913	3,452

the years 1890 to 1920, both inclusive. The figures for 1919 and 1920 are compared in each place is shown.

1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	Increase, 1920.	Decrease, 1920.
27	46	58	39	29	59	51	57	64	140	73	43	6	4	....	3	3	...
6	15	34	67	33	61	89	56	110	63	106	57	23	2	4	18	14	...
143	153	239	178	148	122	129	161	131	108	162	193	25	33	60	49	....	11
8	10	5	1	5	1	10	8	14	2	11	4	4	2	1	12	11	...
50	91	86	63	40	54	59	49	83	62	56	60	12	7	19	16	....	3
13	7	3	9	6	6	3	1	3	4	1	....	1	....	....	1	1	...
10	13	7	4	3	5	5	6	4	5	7	10	1	....	....	1	1	...
14	7	7	12	32	16	10	9	16	27	20	9	7	6	2	11	9	...
7	18	21	16	27	36	22	35	39	36	16	60	22	2	4	1	....	3
16	16	27	28	30	36	36	44	46	83	55	84	27	14	15	24	9	...
42	....	15	15	16	28	55	57	184	149	52	42	30	10	24	1	....	23
14	3	1	3	18	5	8	6	13	6	13	8	2	3	....	1	1	...
12	7	6	4	5	10	7	3	9	16	14	2	....	4	1	2	1	...
...	6	2	7	2	....	5	1	....	....	3	4	....	3	....	1	1	...
287	290	394	360	413	479	580	702	986	603	494	761	129	109	127	152	25	...
59	54	66	64	83	109	90	107	135	129	203	115	28	23	26	36	10	...
17	19	9	12	15	13	18	24	30	48	34	32	18	7	1	16	15	...
19	19	88	92	33	6	15	101	25	19	7	8	4	4	1	2	1	...
249	248	218	328	424	325	395	361	483	500	520	473	155	196	132	166	34	...
10	2	6	11	8	12	30	7	3	9	5	3	1	1	....	1	1	...
4	2	....	1	1	....	2	1	5	2	1	1	1	....	3	....	....	3
7	11	6	6	8	7	4	12	11	12	4	8	3	6	....	....	....	...
8	13	12	19	21	18	21	23	25	45	18	18	....	....	3	....	....	3
171	73	103	46	38	40	18	88	90	93	55	19	8	2	12	22	10	...
338	257	338	425	380	408	307	324	248	346	281	177	391	187	69	153	184	...
5	6	10	13	15	41	73	65	18	17	24	10	10	2	2	2	....	...
...	1	....	....	....	....	1	3	1	1	1	....	1	....	....	....	....	...
2	20	24	27	17	19	8	20	31	22	19	13	....	7	1	3	2	...
28	8	21	42	25	33	31	26	28	32	47	50	2	3	4	4	....	...
6	7	8	11	20	7	8	20	50	50	44	27	13	3	....	7	7	...
13	24	33	22	27	23	40	37	119	143	87	71	11	1	11	6	....	5
27	67	104	183	209	195	232	301	434	444	212	111	42	17	19	92	73	...
35	153	68	26	25	28	35	50	58	55	79	516	35	30	32	31	....	1
12	13	28	50	37	37	39	41	8	32	25	26	2	2	....	4	4	...
33	20	20	25	43	42	73	67	60	102	82	80	31	13	13	27	14	...
67	73	69	59	80	92	76	90	157	237	138	132	115	42	9	30	21	...
46	35	21	42	24	29	29	36	67	73	34	36	5	1	3	7	4	...
19	32	29	38	23	28	32	31	65	44	31	28	116	32	7	102	95	...
2	4	3	12	15	19	11	5	17	48	30	12	4	11	5	12	7	...
38	18	32	47	23	32	49	66	75	73	75	39	59	32	33	80	47	...
117	253	281	223	268	288	316	508	1,054	1,643	658	531	211	125	276	719	443	...
1,832	1,923	2,016	2,003	2,208	2,398	2,669	2,866	3,209	3,073	2,217	1,939	2,217	1,593	2,440	2,486	46	...
...	5	8	4	4	6	9	6	5	4	9	4	2	1	1	....	....	1
22	17	24	34	31	32	41	45	52	77	69	86	9	19	27	33	6	...
32	24	23	28	21	26	29	55	60	131	110	30	95	16	18	31	13	...
10	29	12	8	18	14	12	8	10	17	14	16	2	1	4	30	26	...
...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
4	3	5	2	....	7	4	....	1	....	....	....	....	....	....	....	....	...
5	....	....	....	....	....	11	....	....	....	4	6	3	....	....	....	....	...
...	....	....	....	....	29	25	10	1	20	11	13	22	15	4	16	12	...
8	....	10	10	16	4	3	....	2	....	....	....	....	....	....	....	....	...
21	....	9	9	8	1	2	7	20	....	....	....	....	....	....	....	....	...
10	....	23	....	12	5	....	6	4	3	4	1	2	4	2	3	1	...
16	18	56	8	....	....	....	....	....	....	....	....	....	....	....	....	....	...
3,941	4,133	4,748	4,736	4,987	5,291	5,827	6,613	8,363	8,848	6,235	5,968	3,907	2,595	3,415	4,414	1,052	53

The disposition made of the persons committed to the gaols of the Province is set forth in the table printed below:

	1920
Acquitted on being brought to trial, and discharged	4,423
Discharged without trial by order of judges, magistrates and courts, including remand cases	632
Detained for want of sureties to keep the peace	10
Detained as witnesses	28
Detained as fraudulent debtors	36
Detained as lunatics, idiots and persons unsafe to be at large	267
Died before trial	4
Detained for civil purposes other than above	21
Waiting trial and otherwise detained on 30th September, 1920	163
Found guilty and sentenced	8,643
Discharged under suspended sentence	529
Total number of commitments	14,756

The places of confinement to which the convicted persons were sentenced are set forth in the following statement, and similar information is given as regards the sentenced prisoners of the previous year:

	1919	1920
Sentenced to Kingston Penitentiary	333	273
" to the Industrial School	117	177
" direct to Ontario Reformatory	730	723
" to the Common Gaols and subsequently transferred to the Ontario Reformatory	3,195	3,386
" direct to the Reformatory for Females	62	73
" to the Common Gaols and subsequently transferred to the Reformatory for Females	17	32
" to the Common Gaols and there detained until the expiration of sentence	3,444	3,976
Died while undergoing sentence	6	3
Totals	7,904	8,643

The summaries given below show the nature of the offence committed by the convicted persons:

1. CRIMES AGAINST THE PERSON.

	Total commitments for the year	Number found guilty and sentenced
Assault, common	241	130
Assault, felonious	138	48
Cutting and wounding, stabbing and shooting with intent	52	20
Rape and assault with intent	44	20
Murder	30	3
Manslaughter	17	6
Attempted suicide	15	5
Totals	537	232

2. CRIMES AGAINST PROPERTY.

	Total commitments for the year	Number found guilty and sentenced
Arson and incendiarism	18	8
Burglary	426	263
Counterfeiting and passing counterfeit money	3	3
Destroying and injuring property	37	16
Embezzlement	..	..
Forgery	116	60
Fraud and obtaining money and goods under false pretences	360	167
Horse, cattle and sheep stealing	39	13
Housebreaking and robbery	653	383
Larceny	2,116	1,158
Receiving stolen goods	281	122

	Total commitments for the year	Number found guilty and sentenced
Trespass	193	104
Miscellaneous	454	96
Totals	4,756	2,393

3. CRIMES AGAINST PUBLIC MORALS AND DECENCY.

	Total commitments for the year	Number found guilty and sentenced
Bigamy	54	31
Inmates and frequenters of houses of ill-fame	123	58
Keeping houses of ill-fame	43	27
Perjury	30	11
Seduction	46	16
Indecent assault and exposure	105	70
Miscellaneous	43	18
Totals	484	231

4. OFFENCES AGAINST PUBLIC ORDER AND PEACE.

	Total commitments for the year	Number found guilty and sentenced
Abusive and obscene language	6	5
Breaches of peace, breaches of by-laws, escapes from and obstructing constables	165	96
Carrying unlawful weapons	65	38
Deserting employment, etc.	3	..
Drunk and disorderly	4,414	2,955
Deserting the militia	44	17
Selling liquor without a license and selling or giving it to Indians, and Breaches of Ontario Temperance Act	787	602
Threatening and seditious language	20	8
Vagrancy	1,464	801
Miscellaneous	24	12
Totals	6,992	4,534
Contempt of court, lunatics, etc.	366	49
Other offences, not classified in foregoing	1,631	1,204
Grand Totals	14,756	8,643

The following tables show the period of sentence passed on the convicted prisoners and the sex, social conditions, habits, etc., of the total number of prisoners committed:

PERIODS OF SENTENCE.

	1919	1920
For periods under thirty days	2,643	2,718
For thirty days and up to sixty days, or two months, not including the last term	1,623	1,119
For sixty days, or two months	293	585
Over two months to three months	1,374	1,138
Over three months to four months	310	498
Over four months to five months	83	370
Over five months to six months	558	748
Over six months to nine months	106	371
Over nine months up to one year, inclusive	193	300
Over one year and up to two years	318	193
Over two years and up to three years in the Pentitentiary	142	185
Over three years in the Penitentiary	136	198
For periods of any length in the Industrial Schools	114	205
Sentenced to death and executed	7	1
Sentenced to death and commuted to imprisonment	....	3
Sentenced to imprisonment with corporal punishment	4	11
	7,904	8,643

SEX

	1919	1920
Male	12,250	13,865
Female	846	891
	13,096	14,756

SOCIAL CONDITIONS

Married	4,735	4,975
Unmarried	8,361	9,781
	13,096	14,756

HABITS

Temperate	6,759	6,598
Intemperate	6,337	8,156
	13,096	14,756

EDUCATIONAL STATUS

Could read and write	10,940	12,783
Could neither read nor write	2,156	1,973
	13,096	14,756

NATIONALITY

Canadian	9,076
English	1,070
Irish	634
Scotch	433
United States	932
Other countries	2,611
	14,756

RELIGIOUS DENOMINATIONS

Roman Catholic	6,843
English Church	1,930
Presbyterian	1,774
Methodist	1,955
Other denominations	2,254
	14,756

The number of prisoners confined in the various custodial institutions of the Province at the close of the past official year, and the year preceding, is exhibited in the following summary:

	1919	1920
In the Common Gaols	502	638
In the Reformatory for Females and Refuge for Girls, Toronto	60	58
In the Dominion Penitentiary, Kingston	564	620
In the Industrial Farm, Burwash	341	473
In the Industrial Farm, Fort William	43	56
In the Toronto Municipal Farm, Langstaff	217	198
In the Ontario Reformatory Clay Plant, Mimico	68	56
	1,795	2,099

STATISTICAL TABLE

Following this portion of the report will be found the tables named in the list given hereunder:

Table No. 2, showing the total number of prisoners in the several gaols on the 30th September, 1920, and the nature of their imprisonment; also showing number of cells in each gaol.

Table No. 3, showing the number of prisoners over and under 16 years of age, the number of recommittals, the number of persons acquitted on being brought to trial, and the number of persons committed under civil processes.

Table No. 4, showing the offences for which prisoners were sentenced.

Table No. 5, showing the number of prisoners, male and female, sentenced under each offence during the year.

Table No. 6, showing the social status and habits of the prisoners committed during the year.

Table No. 7, showing the number of prisoners upon whom sentence was passed, the nature of the sentences, and the operation of the County Judge's Criminal Courts.

Table No. 8, showing how the prisoners committed during the year were maintained, the cost thereof, and the salaries of officials.

Table No. 9, showing the number of escapes and deaths, the revenue derived from prison labour, the cost of diet, accommodation of the gaols, and the highest and lowest number of prisoners in custody in each gaol during the year.

Table No. 10, showing the daily cost per prisoner in each of the gaols of the Province, for the year ending 30th September, 1920.

Table No. 11, showing the number of prisoners, male and female, sentenced during the year ending 30th September, 1920, and a comparison of the same with the previous year.

GAOL EXPENDITURES

TABLE No. 1

Showing the cost of maintaining the Common Gaols during the past forty-one years, under the heading of rations, clothing, fuel, salaries and wages, and repairs.

Year.	Total number of prisoners in custody each year.	Cost of rations, clothing, fuel, etc., each year.	Cost of salaries and wages of gaol officials each year.	Cost of repairs.	Total gaol expenditure.
		$ c.	$ c.	$ c.	$ c.
1879	11,229	58,856.24	63,914.40	5,583.44	122,355.08
1880	11,300	49,037.14	64,084.34	3,504.96	116,626.44
1881	9,229	45,001.05	63,502.00	3,410.12	111,915.15
1882	9,620	44,768.92	63,794.30	4,665.52	113,228.75
1883	9,880	44,783.50	64,935.96	4,706.20	114,425.66
1884	12,081	61,909.89	68,446.88	7,125.50	127,482.27
1885	11,426	54,321.35	70,344.96	5,081.55	129,747.86
1886	10,645	53,300.43	71,690.76	8,753.07	133,744.26
1887	11,017	48,650.27	71,291.58	6,146.71	126,088.56
1888	12,454	53,961.25	73,633.11	6,509.13	134,143.49
1889	12,531	55,002.89	77,677.84	3,313.20	135,983.93
1890	11,810	51,446.99	79,394.49	9,171.01	140,012.49
1891	10,423	58,110.73	79,741.59	12,183.02	150,035.34
1892	9,011	51,505.57	75,564.83	4,635.65	135,706.05
1893	8,619	49,762.40	79,639.81	8,083.50	137,485.71
1894	9,450	45,115.58	79,790.80	6,728.04	131,634.42
1895	9,380	50,591.40	79,677.17	6,304.58	136,573.15
1896	9,058	49,107.73	80,940.04	6,778.50	135,826.27
1897	8,884	51,066.56	80,863.60	10,248.93	143,179.09
1898	8,256	50,412.91	80,915.05	5,982.56	167,310.52
1899	8,203	50,362.88	82,047.98	4,206.66	132,617.50
1900	8,604	50,353.75	82,144.05	4,944.21	137,442.10
1901	8,546	48,977.86	82,305.15	6,065.44	137,348.45
1902	8,280	49,125.35	85,350.04	6,515.40	140,990.79
1903	9,261	57,252.84	86,081.95	7,122.23	150,457.02
1904	10,146	59,916.13	89,164.98	5,413.09	154,494.20
1905	11,035	64,948.78	91,232.56	7,087.09	163,268.43
1906	10,810	59,874.67	91,663.85	6,635.49	158,174.01
1907	11,804	61,995.01	95,321.24	7,536.14	164,852.39
1908	13,083	68,468.72	98,651.71	8,708.79	175,829.20
1909	13,535	74,557.65	103,141.14	6,877.58	184,576.37
1910	13,687	66,042.87	102,649.54	10,574.71	181,851.05
1911	15,275	70,077.87	106,690.02	7,759.74	187,626.11
1912	16,985	83,708.63	114,462.75	5,765.38	203,936.76
1913	19,250	77,828.15	116,704.08	8,542.59	203,074.82
1914	22,777	87,825.99	124,516.23	9,128.51	221,470.73
1915	20,337	87,403.52	120,742.08	6,840.72	214,986.32
1916	16,100	69,918.14	119,727.46	5,646.14	195,291.74
1917	12,445	71,971.09	115,053.82	7,930.19	194,955.10
1918	13,242	91,065.25	118,598.21	7,076.43	216,739.89
1919	13,096	96,249.18	128,455.52	10,927.32	235,582.02
1920	14,756	112,146.80	148,752.18	12,735.19	273,634.17

A summary is given below showing the days' stay respectively of those prisoners whose maintenance was chargeable to the Province and of those who were a charge on the Municipalities:

		Days' Stay
5,462	Criminal prisoners remained in gaol	105,670
9,294	Municipal prisoners remained in goal	94,655
14,756	Prisoners in all remained in gaol	200,325

TABLE No. 2.

Showing the total number of prisoners who were in the several gaols of the Province on the evening of the 30th September, 1920, and the nature of their imprisonment; also number of cells in each gaol.

Name of gaol	Classification.				Nature of Imprisonment.						Total number of persons who remained in custody 30th Sept., 1920.	Total number of cells.
	Men.	Women.	Boys under 16 years.	Girls under 16 years.	Waiting trial.	Under sentence for periods of 2 months and under.	Under sentence for periods over 2 months.	In default of sureties to keep the peace	Insane, idiotic or imbecile persons.	Otherwise detained.		
Barrie	8				1	1	6				8	23
Belleville	16	1			1	2	10		1	3	17	38
Brantford	7				1	2	3			1	7	24
Brampton	3				1		1			1	3	25
Brockville	8					3	5				8	33
Bracebridge												15
Cayuga	3				1		2				3	14
Cornwall	9				1	2	6				9	17
Cobourg	3	1			2		2				4	24
Chatham	18	1			4	2	12		1		19	38
Fort Frances.	6	3				4	1		3	1	9	10
Goderich	4						4				4	12
Guelph	4	2			1	2	3				6	18
Gore Bay	3	1					4				4	12
Hamilton	45	4			13	17	17		2		49	75
Kingston	10	1	1		2	3	7				12	49
Kitchener	7					1		5	1		7	20
Kenora	5	1			4	1	1				6	14
London	21	1	1		1	7	15				23	57
Lindsay	3				2				1		3	24
L'Orignal	2	1				2	1				3	18
Milton	1				1						4	18
Napanee	1						1				1	18
North Bay	14	2			3	6	6		1		16	20
Ottawa	25	10			6	12	17				35	93
Owen Sound.	9						9				9	32
Orangeville	8	1					9				9	22
Perth	9	1			2	2	5			1	10	18
Picton	1						1				1	18
Pembroke	4						4				4	24
Peterborough	16				5	1	8		1	1	16	18
Port Arthur.	15	2				4	11		2		17	40
Parry Sound.	2				1		1				2	26
Simcoe	4				2		2				4	18
St.Catharines	11				2	1	8				11	38
Sarnia	13				5	4	4				13	13
Stratford	10					3	7				10	30
Sandwich	40	3			12	12	19				43	58
St. Thomas	6				3	1	2				6	16
S. S. Marie.	36	4			8	7	23		2		40	23
Sudbury	27	3			7	17	5			1	30	22
Toronto	93	12			47	33	15		3	7	105	270
Walkerton	3				1		2				3	24
Woodstock	11						11				11	32
Welland	23				6	8	9				23	48
Whitby	14				5	1	7		1		14	28
Lock-ups:												
Atikokan												3
Byng Inlet.												7
Cobalt												6
Mine Centre												3
Totals	581	55	2		151	161	286	5	19	16	638	1,546

TABLE

Showing the number of persons committed, the number over and under sixteen years number of unsound mind, number acquitted on trial, number discharged without trial,

Name of gaol.	Total number committed during the year.			Number under 16 years of age.			Number over 16 years of age.			For the first time.	For the second time.
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.		
Barrie	74	3	77	4	.....	4	70	3	73	51	16
Belleville	324	16	340	7	.....	7	317	16	333	311	17
Brantford	143	13	156	.....	.....	.....	143	13	156	102	19
Brampton	47	1	48	2	.....	2	45	1	46	39	6
Brockville	107	3	110	1	.....	1	106	3	109	76	17
Bracebridge	15	3	18	.....	.....	.....	15	3	18	13	3
Cayuga	29	2	31	1	2	3	28	.....	28	27	1
Cornwall	74	1	75	5	.....	5	69	1	70	60	8
Cobourg	80	2	82	3	.....	3	77	2	79	62	10
Chatham	169	17	186	5	.....	5	164	17	181	138	27
Fort Frances	135	5	140	.....	.....	.....	135	5	140	123	8
Goderich	43	.....	43	.....	.....	.....	43	.....	43	38	3
Guelph	49	5	54	.....	.....	.....	49	5	54	46	2
Gore Bay	11	3	14	1	.....	1	10	3	13	11	.....
Hamilton	778	77	855	2	.....	2	776	77	853	555	109
Kingston	98	8	106	2	.....	2	96	8	104	93	8
Kitchener	116	10	126	.....	.....	.....	116	10	126	105	13
Kenora	49	3	52	1	.....	1	48	3	51	47	3
London	557	53	610	20	.....	20	537	53	590	363	122
Lindsay	20	.....	20	1	.....	1	19	.....	19	20	.....
L'Orignal	22	3	25	.....	.....	.....	22	3	25	25	.....
Milton	54	3	57	.....	.....	.....	54	3	57	48	1
Napanee	13	3	16	.....	.....	.....	13	3	16	12	2
North Bay	199	16	215	1	.....	1	198	16	214	188	22
Ottawa	616	78	694	2	1	3	614	77	691	645	39
Owen Sound	79	.....	79	.....	.....	.....	79	.....	79	37	13
Orangeville	11	2	13	.....	.....	.....	11	2	13	12	1
Perth	59	1	60	.....	.....	.....	59	1	60	50	4
Picton	18	3	21	.....	.....	.....	18	3	21	19	1
Pembroke	76	1	77	.....	.....	.....	76	1	77	74	2
Peterborough	123	3	126	1	.....	1	122	3	125	71	17
Port Arthur	295	14	309	8	.....	8	287	14	301	307	2
Parry Sound	96	5	101	1	1	2	95	4	99	88	6
Simcoe	24	8	32	.....	.....	.....	24	8	32	21	5
St. Catharines	133	11	144	6	.....	6	127	11	138	109	24
Sarnia	92	3	95	1	1	2	91	2	93	70	9
Stratford	79	3	82	1	.....	1	78	3	81	71	8
Sandwich	475	18	493	.....	.....	.....	475	18	493	488	2
St. Thomas	116	7	123	7	1	8	109	6	115	91	24
Sault Ste. Marie	318	19	337	5	2	7	313	17	330	270	36
Sudbury	1,282	49	1,331	4	.....	4	1,278	49	1,327	1,113	146
Toronto	6,225	375	6,600	6	1	7	6,219	374	6,593	3,101	2,187
Walkerton	21	4	25	2	.....	2	19	4	23	13	7
Woodstock	116	6	122	2	.....	2	114	6	120	33	5
Welland	204	16	220	.....	.....	.....	204	16	220	194	12
Whitby	125	6	131	3	.....	3	122	6	128	119	9
Lock-ups:											
Atikokan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Byng Inlet	8	.....	8	.....	.....	.....	8	.....	8	8	.....
Cobalt	65	9	74	1	.....	1	64	9	73	74	.....
Mine Centre	3	.....	3	.....	.....	.....	3	.....	3	3	.....
Totals	13,865	891	14,756	106	9	115	13,759	882	14,641	9,634	2,981

No. 3.

of age, the number of re-committals, the number for want of sureties to keep the peace, number waiting trial, number sentenced, and number committed under civil process.

For the third time.	For more than the third time.	For want of sureties to keep the peace.	Witnesses.	Lunatics and idiots.	Fraudulent debtors.	Under civil process.	Acquitted on trial and discharged.	Discharged without trial.	Discharged under suspended sentence.	Died before trial.	Waiting trial.	Sentenced for any period.
4	6	.....	.....	5	.....	1	4	3	6	.....	1	57
8	4	.....	.....	6	.....	.....	238	.....	5	.....	1	90
5	30	.....	.....	4	.....	.....	83	.....	.....	.....	1	68
3	.....	.....	.....	3	.....	.....	16	.....	14	.....	3	12
8	9	.....	1	.....	.....	.....	7	.....	20	.....	.....	82
1	1	.....	.....	4	.....	3	.....	.....	3	.....	.....	8
2	1	.....	.....	.....	.....	.....	3	.....	1	1	1	25
3	4	.....	.....	1	3	.....	6	.....	10	.....	3	52
4	6	.....	.....	1	.....	.....	12	.....	26	.....	2	41
12	9	.....	.....	6	.....	.....	66	.....	32	.....	4	78
4	5	.....	.....	3	.....	.....	16	.....	1	.....	.....	120
1	1	.....	.....	4	.....	.....	8	1	3	.....	2	25
3	3	.....	.....	.....	.....	.....	2	3	4	.....	1	44
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
55	136	6	.....	15	.....	.....	14	297	13	.....	13	497
4	1	.....	.....	.....	.....	.....	29	1	.....	.....	2	74
4	4	.....	.....	2	.....	.....	9	53	16	.....	1	45
2	.....	.....	.....	.....	.....	.....	.....	19	3	.....	6	24
44	81	1	1	20	.....	.....	257	11	2	.....	1	317
.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	2	8
.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	23
.....	8	.....	.....	1	.....	.....	4	20	3	.....	1	28
1	1	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	12
4	1	.....	.....	19	.....	.....	17	.....	.....	.....	3	176
3	7	.....	.....	.....	.....	.....	319	.....	.....	.....	6	369
10	19	.....	.....	1	1	.....	10	3	1	.....	.....	63
.....	.....	.....	.....	3	.....	3	.....	.....	.....	.....	.....	7
3	3	.....	.....	1	.....	.....	14	.....	5	.....	3	37
.....	1	.....	.....	1	.....	.....	.....	20	.....	.....	.....	....
1	.....	.....	.....	2	.....	.....	10	.....	6	.....	.....	59
16	22	.....	.....	9	.....	.....	21	52	11	.....	.....	33
.....	.....	.....	.....	24	.....	11	26	.....	2	.....	3	243
6	1	.....		7	.....	.....	20	4	3	.....	1	66
3	3	.....	.....	1	1	.....	8	1	10	.....	2	9
3	8	.....	.....	.....	.....	.....	42	.....	10	.....	2	90
.....	16	.....	.....	1	1	1	3	39	2	.....	4	44
3	.....	.....	.....	.....	.....	.....	1	21	7	.....	2	51
1	2	.....	.....	.....	11	.....	185	.....	26	.....	14	257
6	2	.....	.....	.....	2	.....	41	14	16	.....	3	47
15	16	.....	1	11	.....	.....	37	40	5	.....	6	237
38	34	.....	2	.....	.....	.....	80	.....	22	.....	7	1,220
873	439	3	19	96	4	2	2,652	19	218	3	51	3,533
4	1	.....	.....	3	.....	.....	.....	8	2	.....	1	11
8	76	.....	3	.....	.....	.....	.....	.....	6	.....	.....	113
8	6	.....	1	.....	3	.....	76	.....	3	.....	6	131
3	.....	.....	.....	11	.....	.....	70	.....	6	.....	4	40
.....	.....	.....	.....	.....	.....	.....	3	.....	1	.....	.....	4
.....	.....	.....	.....	1	.....	.....	10	.....	4	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	....
1,179	969	10	28	267	36	21	4,423	632	529	4	163	8,643

TABLE

Showing offences for which prisoners were sentenced

Name of gaol.	Abortion.	Abusive and obscene language.	Arson.	Assault.	Assault, felonious.	Attempted suicide.	Abduction.	Bigamy.	Breaches of the peace.	Breaches of by-laws.	Burglary.
Barrie			2	1							
Belleville					1			1			
Brantford		1		3							1
Brampton				1				1			
Brockville		1									4
Bracebridge				1							
Cayuga				2							
Cornwall				1				1			
Cobourg				1		1					
Chatham				1	2	1			1	17	
Fort Frances				5						1	
Goderich				1							2
Guelph				3							1
Gore Bay		1			3						2
Hamilton	2		1	13	2			1			8
Kingston				2			1				
Kitchener			1	2				1			
Kenora				1				1			
London		1		4	4			3			6
Lindsay					1						
L'Orignal				3					1		
Milton			1		1						
Napanee								1		3	
North Bay				9							5
Ottawa				8		1			2	3	
Owen Sound				2	1						16
Orangeville											
Perth				1	1	1					1
Picton											
Pembroke				4							
Peterborough				1							
Port Arthur		1		12	2				5		1
Parry Sound				2							
Simcoe											4
St. Catharines					3	1					3
Sarnia				2	1						
Stratford											3
Sandwich				1	3			2			
St. Thomas				5							1
Sault Ste.Marie				2							
Sudbury			1	12	2					6	10
Toronto	2		2	16	13			19		2	142
Walkerton											39
Woodstock				1							
Welland				2	8						1
Whitby				2							8
Lock-ups:											
Atikokan											
Byng Inlet											4
Cobalt				3							1
Mine Centre											
Totals	4	5	8	130	48	5	1	31	9	32	263

No. 4.

during the year ending 30th September, 1920.

Contempt of Court.	Carrying unlawful weapons.	Counterfeiting and passing counterfeit money.	Cruelty to animals.	Cutting, wounding and attempting same.	Deserting employment.	Destroying and injuring property.	Drunk and disorderly.	Deserting the Militia.	Escaping from and obstructing constables	Escaping from prison.	Forgery.	Fraud or obtaining money under false pretences.
1	.....	.....	1	.....	.....	3	.....	.....	.....	.....	..	3
3	.....	.....	.....	.....	.....	1	8	.....	.....	.....	1	9
..	1	.....	.....	.....	.....	.....	23	.....	2	.....	..	.....
..	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....
..	.....	.....	.....	.....	.....	.....	16	.....	.....	1	2	2
..	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	..	.....
1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	..	.....
4	.....	.....	.....	.....	.....	.....	11	1	.....	.....	..	1
..	.....	.....	.....	.....	.....	.....	1	.....	.....	1	..	.....
3	.....	.....	.....	.....	.....	.....	12	.....	.....	2	..	.....
..	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1
..	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	1
1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	2	.....
..	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	..	.....
..	5	1	1	.....	.....	5	145	.....	5	.....	6	12
1	.....	.....	.....	.....	.....	.....	21	2	.....	.....	1	2
2	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	2	2
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....
..	4	.....	.....	.....	.....	.....	122	2	.....	1	..	7
..	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	..	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	..	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	2
1	.....	.....	.....	.....	.....	1	22	.....	.....	.....	2	10
8	1	.....	.....	2	.....	1	106	5	.....	.....	2	8
..	.....	.....	.....	.....	.....	.....	2	.....	1	.....	..	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....
..	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	2	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....
1	1	.....	.....	.....	.....	.....	7	.....	.....	1	1	3
3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	..	.....
..	2	.....	.....	2	.....	.....	89	.....	.....	.....	4	6
..	1	.....	.....	.....	.....	.....	29	.....	.....	.....	..	5
..	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	..	.....
..	.....	.....	.....	.....	.....	.....	27	.....	2	.....	..	.....
..	1	.....	.....	.....	.....	.....	13	.....	.....	1	1	.....
1	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	1	.....
9	2	.....	.....	.....	.....	1	92	.....	1	.....	2	2
..	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	..	3
5	.....	.....	.....	.....	.....	.....	63	.....	2	.....	1	2
..	2	.....	1	1	.....	.....	695	.....	.....	11	5	5
..	17	2	.....	4	.....	3	1,360	6	7	16	19	81
1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	2	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....
3	.....	.....	2	.....	.....	.....	30	.....	.....	.....	1	.....
1	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	..	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....
..	.....	.....	.....	.....	.....	.....	16	.....	.....	.....	..	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....
49	38	3	5	9		16	2,955	17	20	35	60	167

TABLE

Showing offences for which prisoners were sentenced

Name of gaol.	Gambling.	Giving liquor to Indians.	Horse, cattle and sheep stealing.	House breaking and robbery.	Incendiarism.	Indecent assault and exposure.	Inmates and frequenters of houses of ill-fame.	Keeping house of ill-fame.	Larceny.	Manslaughter.	Misdemeanour	Murder.	Perjury.
Barrie	....	....	.....	.....	....	.....	.....	....	18	....	....	....	1
Belleville	....	....	.....	3	....	1	5	2	21	....	1	....	....
Brantford	....	....	.....	1	....	2	3	....	6	1	....	1	....
Brampton	....	....	.....	.....	....	.....	.....	....	6	....	....	....	....
Brockville	....	....	.....	2	....	2	.....	....	9	....	....	....	....
Bracebridge	....	....	.....	2	....	.....	.....	....	....	....	....	....	....
Caynga	....	....	.....	.....	....	1	.....	....	6	....	....	1	....
Cornwall	....	....	1	.....	....	.....	.....	....	7	....	....	....	....
Cobourg	....	....	.....	4	....	1	.....	....	12	....	....	....	....
Chatham	....	1	2	7	....	3	2	....	11	....	....	....	....
Fort Frances	....	2	.....	.....	....	1	.....	....	....	....	....	....	....
Goderich	....	....	.....	.....	....	.....	.....	....	4	....	....	....	....
Guelph	....	....	.....	2	....	1	.....	....	13	....	....	....	....
Gore Bay	....	3	.....	.....	....	1	.....	....	3	....	....	....	....
Hamilton	....	....	.....	8	....	4	1	7	79	1	....	....	....
Kingston	....	....	.....	.....	....	2	.....	....	15	....	....	....	1
Kitchener	....	....	.....	1	....	.....	.....	....	13	....	....	....	....
Kenora	....	....	.....	1	....	.....	.....	....	4	....	....	....	....
London	....	....	.....	1	....	.....	.....	....	67	....	....	....	....
Lindsay	....	....	.....	.....	....	1	.....	....	....	....	....	....	....
L'Orignal	....	....	.....	.....	....	.....	.....	....	....	....	....	....	....
Milton	....	....	.....	2	....	1	.....	....	5	....	....	....	....
Napanee	....	....	.....	.....	....	.....	.....	....	5	....	....	....	....
North Bay	....	1	4	.....	....	3	.....	2	49	....	....	....	....
Ottawa	....	....	1	18	....	3	3	1	75	....	....	....	1
Owen Sound	....	....	.....	6	....	.....	.....	....	14	....	....	....	....
Orangeville	....	....	.....	.....	....	.....	.....	....	....	....	....	....	....
Perth	....	....	.....	2	....	.....	.....	....	....	....	....	....	....
Picton	....	....	.....	.....	....	.....	.....	....	....	....	....	....	....
Pembroke	....	....	.....	.....	....	.....	.....	....	12	....	....	....	....
Peterborough	....	....	.....	.....	....	.....	.....	....	3	....	....	....	....
Port Arthur	....	1	.....	14	....	.....	3	....	19	....	....	....	....
Parry Sound	....	....	.....	8	....	2	.....	....	7	....	....	....	....
Simcoe	....	....	.....	.....	....	2	.....	....	....	....	....	....	....
St. Catharines	....	....	.....	.....	....	.....	.....	1	13	....	....	....	1
Sarnia	....	....	1	1	....	.....	.....	....	12	....	....	....	....
Stratford	....	....	1	.....	....	.....	1	1	12	....	....	....	1
Sandwich	....	....	1	.....	....	2	.....	....	41	....	....	....	....
St. Thomas	....	....	.....	.....	....	.....	.....	....	16	....	....	....	....
Sault Ste. Marie	....	....	.....	3	....	3	.....	1	31	....	4	....	....
Sudbury	68	....	.....	9	....	3	2	....	46	....	....	....	....
Toronto	28	....	.....	285	....	29	38	12	483	4	....	1	6
Walkerton	....	....	2	.....	....	1	.....	....	3	....	....	....	....
Woodstock	....	....	.....	.....	....	.....	.....	....	....	....	....	....	....
Welland	....	....	.....	1	....	1	.....	....	12	....	....	....	....
Whitby	....	....	.....	2	....	.....	.....	....	....	....	....	....	....
Lock-ups:													
Atikokan	....	....	.....	.....	....	.....	.....	....	....	....	....	....	....
Byng Inlet	....	....	.....	.....	....	.....	.....	....	....	....	....	....	....
Cobalt	....	....	.....	.....	....	.....	.....	....	6	....	....	....	....
Mine Centre	....	....	.....	.....	....	.....	.....	....	....	....	....	....	....
Totals	96	8	13	383		70	58	27	1,158	6	5	3	11

No. 4.—Continued.

during the year ending 30th September, 1920.

Prostitution.	Rape and assault with intent.	Refusing bail.	Receiving stolen goods.	Seduction.	Selling liquor without a license.	Shooting with intent.	Stabbing.	Threatening and seditious language.	Trespass.	Unlawful shooting.	Vagrancy.	Other offences not enumerated.	Totals.
....	.....	.....	.....	1	1	.....	.....	2	.....	.....	13	.....	57
....	2	.....	1	.....	20	.....	.....	1	4	.....	4	2	90
....	.....	.....	.....	1	12	.....	.....	.....	.....	.....	3	7	68
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	12
....	.....	.....	1	.....	34	.....	.....	.....	6	.....	.....	2	82
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	8
....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	10	1	25
....	.....	.....	.....	.....	17	.....	.....	1	3	.....	4	.....	52
....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	15	2	41
....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	5	78
....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	5	100	120
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	3	25
....	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	2	2	44
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
....	1	.....	4	.....	.....	1	.....	2	10	.....	34	138	497
....	.....	.....	1	.....	16	.....	.....	.....	3	.....	4	2	74
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	8	45
....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	2	8	24
....	.....	.....	1	.....	65	.....	.....	.....	.....	.....	12	17	317
....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	8
....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	3	10	23
....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	11	6	28
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	12
3	.....	.....	2	3	13	.....	.....	.....	.....	.....	15	31	176
2	1	.....	1	.....	85	2	.....	.....	3	.....	11	15	369
....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	3	8	63
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	7
....	.....	.....	.....	.....	13	.....	.....	.....	3	.....	10	.....	37
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
....	1	.....	.....	.....	.....	.....	.....	.....	8	.....	11	9	59
....	.....	.....	.....	.....	.....	.....	.....	1	3	.....	10	11	33
....	.....	.....	4	.....	48	.....	.....	.....	.....	2	20	8	243
....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	2	5	66
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	9
....	.....	.....	1	.....	31	.....	.....	.....	.....	.....	3	4	90
....	.....	.....	.....	.....	6	.....	1	.....	.....	.....	4	.....	44
....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	6	18	51
1	.....	.....	.....	.....	.....	1	.....	.....	3	.....	12	81	257
....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	3	9	47
2	.....	.....	8	.....	65	.....	.....	.....	.....	.....	29	16	237
....	1	.....	.....	.....	33	1	.....	.....	.....	.....	23	280	1,220
4	9	.....	91	7	69	4	1	1	51	.....	424	275	3,533
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	11
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	40	113
....	1	.....	6	.....	.....	.....	.....	.....	3	.....	14	46	131
....	1	.....	.....	3	10	.....	.....	.....	.....	.....	3	1	40
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
1	.....	.....	.....	.....	14	.....	.....	.....	1	.....	.....	17	59
....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....
13	20	.....	122	16	594	9	2	8	104	2	801	1,204	8,643

TABLE No. 5.

Showing the total number of prisoners, male and female, sentenced under each offence, during the year ending 30th September, 1920.

Offences.	Male.	Female.	Total.
Abortion	3	1	4
Abusive and obscene language	4	1	5
Arson	8	.....	8
Assault	126	4	130
Assault, felonious	48	.....	48
Attempted suicide	5	.....	5
Abduction	1	.....	1
Bigamy	23	8	31
Breaches of the peace	8	1	9
Breaches of by-laws	31	1	32
Burglary	262	1	263
Contempt of Court	48	1	49
Carrying unlawful weapons	37	1	38
Counterfeiting and passing counterfeit money	3	.....	3
Cruelty to animals	5	.....	5
Cutting, wounding and attempting same	9	.....	9
Deserting employment	.....	.....	.....
Destroying and injuring property	15	1	16
Drunk and disorderly	2,911	44	2,955
Deserting Militia	17	.....	17
Escaping from or obstructing constables	20	.....	20
Escaping from prison	35	.....	35
Forgery	57	3	60
Fraud or obtaining money or goods under false pretences	162	5	167
Gambling	96	.....	96
Giving liquor to Indians	5	3	8
Horse, cattle and sheep stealing	13	.....	13
Housebreaking and robbery	378	5	383
Incendiarism	.....	.....	.....
Indecent assault and exposure	69	1	70
Inmates and frequenters of houses of ill-fame	33	25	58
Keepers houses of ill-fame	16	11	27
Larceny	1,098	60	1,158
Manslaughter	6	.....	6
Misdemeanour	5	.....	5
Murder	3	.....	3
Perjury	11	.....	11
Prostitution	.....	13	13
Rape and assault with intent	20	.....	20
Refusing bail	.....	.....	.....
Receiving stolen property	111	11	122
Seduction	16	.....	16
Selling liquor without license	555	39	594
Shooting with intent	9	.....	9
Stabbing	2	.....	2
Threatening and seditious language	7	1	8
Trespass	104	.....	104
Unlawful shooting	2	.....	2
Vagrancy	663	138	801
Other offences not enumerated	1,157	47	1,204
Totals	8,207	426	8,643

TABLE No. 6.

Showing the social status and habits of the prisoners committed during the year ending 30th September, 1920.

Name of gaol.	Married.	Unmarried.	Temperate	Intemperate.	Total committed to gaol.	Neither read nor write.
Barrie	27	50	60	17	77	8
Belleville	97	243	318	22	340	35
Brantford	49	107	82	74	156	29
Brampton	15	33	21	27	48	4
Brockville	40	70	58	52	110	13
Bracebridge	5	13	17	1	18	.....
Cayuga	3	28	25	6	31	5
Cornwall	21	54	27	48	75	30
Cobourg	18	64	72	10	82	8
Chatham	48	138	81	105	186	41
Fort Frances	38	102	53	87	140	30
Goderich	11	32	39	4	43	6
Guelph	19	35	37	17	54	9
Gore Bay	7	7	5	9	14	4
Hamilton	374	481	317	538	855	115
Kingston	37	69	47	59	106	7
Kitchener	49	77	90	36	126	6
Kenora	17	35	50	2	52	6
London	178	432	304	306	610	18
Lindsay	11	9	17	3	20	2
L'Orignal	15	10	25	.....	25	9
Milton	12	45	38	19	57	3
Napanee	13	3	14	2	16	1
North Bay	68	147	162	53	215	47
Ottawa	274	420	246	448	694	142
Owen Sound	28	51	46	33	79	12
Orangeville	6	7	11	2	13	1
Perth	16	44	25	35	60	9
Picton	6	15	16	5	21	1
Pembroke	25	52	35	42	77	11
Peterborough	44	82	114	12	126	8
Port Arthur	97	212	112	197	309	3
Parry Sound	35	66	67	34	101	19
Simcoe	14	18	17	15	32	2
St. Catharines	60	84	64	80	144	22
Sarnia	27	68	40	55	95	19
Stratford	17	65	53	29	82	11
Sandwich	153	340	199	294	493	35
St. Thomas	58	65	112	11	123	9
Sault Ste. Marie	128	209	96	241	337	69
Sudbury	252	1,079	136	1,195	1,331	259
Toronto	2,321	4,279	2,925	3,675	6,600	782
Walkerton	13	12	20	5	25	5
Woodstock	30	92	65	57	122	9
Welland	99	121	126	94	220	54
Whitby	49	82	76	55	131	35
Lock-ups:						
Atikokan	.....	.....	.....	.....	.....	.....
Byng Inlet	1	7	6	2	8	.....
Cobalt	47	27	32	42	74	18
Mine Centre	3	.....	.....	3	3	2
Totals	4,975	9,781	6,598	8,158	14,756	1,973

TABLE

Showing the number of prisoners upon whom sentences were passed, the nature of such
Criminal Court during the year

Name of gaol.	Total number of prisoners sentenced during the year.			Where sentenced to.					
	Male.	Female.	Total.	To gaol and afterwards transferred to the Reformatory.	To Reformatory for Ontario direct.	To gaol and afterwards to Female Reformatory.	To Female Reformatory direct.	To Penitentiary.	Sentenced elsewhere.
Barrie	56	1	57		10		1	4	5
Belleville	86	4	90		15		1	8	
Brantford	60	8	68		9		3	1	2
Brampton	12		12		6				
Brockville	82		82		6			10	
Bracebridge	7	1	8		2				
Cayuga	23	2	25		6			1	5
Cornwall	51	1	52		8				1
Cobourg	41		41	2	2				3
Chatham	73	5	78		15			3	2
Fort Frances	120		120	7					
Goderich	25		25		4			3	
Guelph	40	4	44	2	9				3
Gore Bay	11	3	14		3			1	1
Hamilton	460	37	497	32	78	4	13	22	
Kingston	70	4	74	3	1	2		4	2
Kitchener	44	1	45	1	9		1	4	
Kenora	24		24					1	5
London	300	17	317		64		3	13	15
Lindsay	8		8						8
L'Orignal	20	3	23	2		1			4
Milton	27	1	28		12		1		
Napanee	10	2	12		3		2		
North Bay	166	10	176	101			7	8	
Ottawa	340	29	369	17	26			21	5
Owen Sound	63		63		14			1	1
Orangeville	6	1	7						
Perth	36	1	37		4			1	
Picton									
Pembroke	58	1	59	2				6	
Peterborough	33		33		4			1	
Port Arthur	240	3	243	107	1	1	1	16	5
Parry Sound	65	1	66	2	18			3	4
Simcoe	8	1	9		6		1		1
St. Catharines	83	7	90	15			3	1	5
Sarnia	43	1	44		12			2	4
Stratford	49	2	51	11		1			
Sandwich	247	10	257		85		2	5	10
St. Thomas	45	2	47		15		1	2	1
Sault Ste. Marie	226	11	237		15		4	15	2
Sudbury	1,182	38	1,220	122	114	6	17		
Toronto	3,329	204	3,533	2,942	132	16	11	93	1
Walkerton	9	2	11		1				1
Woodstock	108	5	113				1	6	18
Welland	128	3	131	18				7	
Whitby	38	2	40		14	1		9	
Lock-ups:									
Atikokan									
Byng Inlet	4		4						4
Cobalt	54	5	59						59
Mine Centre									
Totals	8,210	433	8,643	3,386	723	32	73	273	177

No. 7.

sentences, and the disposal of those who elected to be tried at the County Judges' ending September 30th, 1920.

Died while undergoing sentence.	To gaol and there detained until expiration of sentence or payment of fine.	Capital and corporal sentences.			County Judge's criminal court.		
		Number of prisoners sentenced to death and executed.	Number of prisoners sentenced to death and commuted to imprisonment.	Number of prisoners sentenced to corporal punishment with imprisonment.	Acquitted on trial and discharged from custody.	Found guilty and sentenced.	Total number who elected to be tried.
.....	37	.....	.....	.....	4	11	15
.....	66	.....	1	.....	25	11	36
.....	53	.....	.....	.....	7	3	10
.....	6	.....	.....	.....	5	6	11
.....	66	.....	.....	.....	7	13	20
1	5	.....	.....	.....	.....	.....	.....
.....	13	.....	.....	.....	2	8	10
.....	43	.....	.....	.....	6	7	13
.....	34	.....	.....	.....	2	10	12
.....	58	.....	.....	.....	2	8	10
.....	113	.....	.....	.....	4	.....	4
.....	18	.....	.....	.....	5	17	22
.....	30	.....	.....	.....	.....	3	3
.....	9	.....	.....	.....	.....	3	3
.....	348	.....	.....	.....	13	78	91
.....	62	.....	.....	.....	1	4	5
.....	30	1	1	.....	9	12	21
.....	18	.....	.....	.....	1	3	4
.....	222	.....	.....	.....	.....	13	13
.....	.....	.....	.....	1	.....	.....	.....
.....	16	.....	.....	.....	7	.....	7
.....	15	.....	.....	.....	1	2	3
.....	7	.....	.....	.....	.....	1	1
.....	60	.....	.....	.....	.....	5	5
.....	300	.....	.....	.....	10	3	13
.....	47	.....	.....	.....	.....	6	6
.....	7	.....	.....	.....	2	.....	2
.....	32	.....	.....	.....	13	7	20
.....	.....	.....	.....	.....	.....	.....	.....
.....	51	.....	.....	1	3	2	5
.....	28	.....	.....	.....	.....	1	1
.....	112	.....	.....	.....	9	4	13
.....	39	.....	.....	.....	3	.....	3
.....	1	.....	.....	.....	.....	.....	.....
.....	66	.....	.....	.....	2	1	3
.....	26	.....	.....	.....	5	2	7
.....	39	.....	.....	.....	.....	11	11
.....	155	.....	.....	.....	22	8	30
.....	28	.....	.....	.....	14	8	22
.....	201	.....	.....	.....	3	5	8
.....	960	.....	.....	.....	15	13	28
1	337	.....	1	9	85	287	372
.....	9	.....	.....	.....	.....	7	7
1	87	.....	.....	.....	.....	.....	.....
.....	106	.....	.....	.....	8	8	16
.....	16	.....	.....	.....	70	61	131
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
3	3,976	1	3	11	365	652	1,017

TABLE

Showing the number of prisoners, how maintained, cost of maintenance, and

Name of gaol.	Name of gaoler.	How Maintained.				
		Total number of prisoners committed during the year	Number of prisoners whose maintenance was defrayed by the Province.	Number of prisoners whose maintenance was defrayed by the municipalities.	Number of days' custody of Government prisoners.	Number of days' custody of municipal prisoners.
Barrie	H. E. Stoddart	77	26	51	1,348	1,349
Belleville	T. Ketcheson	340	268	72	3,825	1,052
Brantford	C. Jones	156	48	108	971	2,194
Brampton	J. McClure	48	31	17	1,132	103
Brockville	W. R. Seace	110	48	62	741	1,763
Bracebridge	D. McDonald	18	18	.....	831	.....
Cayuga	T. Walsh	31	19	12	905	327
Cornwall	T. W. Ault	75	50	25	1,788	327
Cobourg	G. L. McLaughlin	82	42	40	1,534	859
Chatham	J. Davidson	186	73	113	2,173	2,196
Fort Frances	R. Bolton	140	140	.....	1,410	4
Goderich	J. C. Griffin	43	22	21	745	841
Guelph	J. McNab	54	30	24	716	995
Gore Bay	S. Cronkhite	14	14	.....	1,474	.....
Hamilton	J. Ogilvie	855	239	616	6,684	8,084
Kingston	J. T. Hawkey	106	37	69	1,483	2,569
Kitchener	J. Cook	126	48	78	1,160	1,082
Kenora	L. Myles	52	52	.....	1,409	.....
London	J. Carter	610	173	437	3,205	5,492
Lindsay	G. A. Balfour	20	2	18	344	291
L'Orignal	F. Millette	25	11	14	628	480
Milton	A. McGibbon	57	23	34	391	773
Napanee	W. E. Loyst	16	10	6	306	229
North Bay	W. J. Bailey	215	200	15	7,257	122
Ottawa	A. G. Dawson	694	296	398	6,649	6,520
Owen Sound	W. A. Grier	79	51	28	1,406	979
Orangeville	C. Bowles	13	3	10	36	3,599
Perth	J. Oates	60	29	31	678	1,739
Picton	A. Huyck	21	11	10	259	43
Pembroke	W. Brown	77	35	42	781	848
Peterborough	H. Nesbitt	126	26	100	1,326	1,942
Port Arthur	T. Penfold	309	309	.....	4,598	.....
Parry Sound	J. A. Johnston	101	101	.....	1,076	.....
Simcoe	O. Robertson	32	24	8	487	85
St. Catharines	G. Bush	144	66	78	1,181	1,440
Sarnia	J. N. Dodd	95	41	54	943	1,222
Stratford	H. Nichol	82	41	41	1,162	1,198
Sandwich	W. A. Wanless	493	232	261	5,620	5,423
St. Thomas	W. F. Luton	123	78	45	1,690	591
Sault Ste. Marie	R. M. Hearst	337	337	.....	10,487	.....
Sudbury	T. O'Neill (acting)	1,331	268	1,063	4,024	6,137
Toronto	H. G. Basher	6,600	1,632	4,968	14,665	25,938
Walkerton	D. McKechnie	25	13	12	887	461
Woodstock	W. McGhee	122	25	97	616	2,238
Welland	J. Kottmuir	220	91	129	2,388	2,838
Whitby	J. Stiner	131	48	83	2,256	282
Lock-ups:						
Atikokan	J. L. McGregor	.....	.....	.....	.....	.....
Byng Inlet	B. Moore	8	4	4	.....	.....
Cobalt	A. T. Rowell	74	74	.....	.....	.....
Mine Centre	J. R. Gilbert	3	3	.....	.....	.....
Totals	.....	14,756	5,462	9,294	105,670	94,655

No. 8.

salaries of various gaol officials for the year ended 30th September, 1920.

Expenditure.					Salaries.			
Cost of fuel, food and clothing.	Cost of official salaries.	Cost of repairs.	Total gaol expenditure for the year.	Average cost per prisoner for entire gaol epenxditure.	Gaolers.	Turnkeys.	Matrons.	Gaol surgeons.
$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
2,044.93	2,757.00	1,087.79	5,889.72	76.47	1,000.00	1,084.00	428.00	245.00
3,362.00	2,050.00	50.00	5,462.00	16.06	700.00	650.00	400.00	300.00
1,675.26	3,530.20	400.10	5,605.56	35.93	1,000.00	1,842.20	375.00	313.00
1,302.48	1,360.06	127.58	2,790.12	58.13	550.00	460.06	250.00	100.00
1,974.94	2,200.00	30.78	4,205.72	38.23	1,125.00	725.00	200.00	150.00
585.17	1,000.00	60.23	1,645.40	91.41	700.00	.....	150.00	150.00
892.12	940.00	80.24	1,912.36	61.69	600.00	.....	200.00	140.00
1,464.71	2,300.00	.....	3,764.71	50.20	1,350.00	525.00	325.00	100.00
1,802.32	2,315.00	224.38	4,341.70	52.95	1,000.00	865.00	250.00	200.00
2,518.37	2,532.69	.....	5,051.06	27.16	1,000.00	932.69	400.00	200.00
948.63	2,300.00	47.99	3,296.62	23.55	900.00	1,100.00	300.00	.....
1,352.03	1,845.00	.....	3,197.03	74.35	800.00	700.00	225.00	120.00
1,160.40	2,050.00	.....	3,210.40	59.45	900.00	750.00	300.00	100.00
1,528.37	750.00	14.85	2,293.22	163.81	550.00	.....	200.00	.....
7,910.34	9,107.05	840.80	17,858.19	20.89	1,600.00	6,957.05	550.00	.....
3,149.82	3,549.15	250.00	6,948.97	65.55	1,183.00	1,752.00	464.15	150.00
1,540.04	2,495.10	161.25	4,196.39	33.30	1,100.00	960.10	300.00	135.00
1,508.71	2,290.00	.....	3,798.71	73.05	894.00	996.00	200.00	200.00
2,755.61	6,275.00	.....	9,030.61	14.80	1,000.00	3,925.00	1,000.00	350.00
867.73	2,100.00	377.96	3,345.69	167.28	900.00	900.00	200.00	100.00
458.24	1,406.25	15.10	1,879.59	75.18	650.00	456.25	200.00	100.00
329.12	1,625.00	26.35	1,980.47	34.74	800.00	575.00	200.00	50.00
421.84	1,275.00	10.00	1,706.84	106.68	1,000.00	.....	200.00	75.00
4,513.75	4,115.70	565.24	9,194.69	42.76	900.00	2,865.70	200.00	150.00
4,378.01	8,212.94	742.53	13,333.48	19.21	2,000.00	5,197.94	650.00	365.00
2,661.61	2,100.00	25.00	4,786.61	60.59	800.00	750.00	300.00	250.00
2,617.51	1,800.00	26.30	4,443.81	341.85	700.00	700.00	300.00	100.00
726.86	1,782.00	119.16	2,628.02	43.80	1,000.00	263.00	419.00	100.00
53.55	975.00	.....	1,028.55	48.98	700.00	.....	200.00	75.00
1,296.32	2,255.00	.....	3,551.32	46.11	1,200.00	730.00	225.00	100.00
1,119.00	1,900.00	.....	3,019.00	23.96	900.00	700.00	150.00	150.00
4,853.11	3,393.93	207.67	8,454.71	27.36	900.00	1,943.93	300.00	250.00
728.20	1,871.25	15.00	2,614.45	39.61	750.00	821.25	150.00	150.00
396.55	2,007.90	185.98	2,590.43	80.95	840.00	842.90	250.00	75.00
993.62	2,615.00	75.00	3,683.62	25.58	1,175.00	990.00	300.00	150.00
1,786.72	2,552.50	84.80	4,424.02	46.57	975.00	977.50	400.00	200.00
1,818.18	2,425.00	33.62	4,276.80	52.15	950.00	855.00	470.00	150.00
5,668.11	3,819.00	204.90	9,692.01	19.66	1,200.00	1,619.00	500.00	500.00
1,133.31	2,626.00	123.43	3,882.74	31.57	1,000.00	1,176.00	300.00	150.00
6,911.58	3,140.00	.....	10,051.58	29.83	840.00	1,800.00	200.00	300.00
2,717.81	2,291.75	.....	5,009.56	3.76	1,128.50	1,763.25	250.00	150.00
19,313.53	31,452.17	3,930.50	54,696.20	8.29	1,887.12	22,669.95	4,095.10	1,500.00
417.72	1,700.00	252.29	2,370.01	94.80	750.00	600.00	250.00	100.00
2,181.72	1,997.48	1,595.28	5,774.48	47.33	900.00	709.98	287.50	100.00
3,046.48	3,116.56	653.33	6,816.37	30.98	1,024.00	1,604.56	288.00	200.00
1,260.37	2,550.50	89.76	3,900.63	29.77	800.00	1,400.50	200.00	150.00
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....
112,146.80	148,752.18	12,735.19	273,634.17	.....	45,921.62	76,135.81	18,001.75	8,693.00

TABLE No. 9.

Showing the number of escapes and deaths, the revenue derived from prison labour, the cost of diet, the accommodation of the various gaols and the highest and lowest number of prisoners in custody during the year ending September 30th, 1920.

Name of gaol.	Prisoners who escaped and evaded recapture.	Prisoners who escaped and were recaptured.	Prisoners who died.	Number of cells in each gaol.	Greatest number of prisoners confined in gaol at any time during the year.	Lowest number of prisoners confined in gaol at any time during the year.	Actual cash revenue derived from prison labor.	Cost of daily rations for prisoners.
							$ c.	Cents.
Barrie				23	13	3		21.25
Belleville				38	30	5		22.39
Brantford				24	21	3		19.25
Brampton				25	13	1		21.14
Brockville		2		33	15	1		22.20
Bracebridge				15	5			22.33
Cayuga			1	14	9	1		21.00
Cornwall				17	11	2		26.00
Cobourg		1		24	18	1		20.00
Chatham	1	1		38	25	6		21.58
Fort Frances		1		10	11	1		20.48
Goderich				12	11	1		29.00
Guelph	1			18	13	1		13.25
Gore Bay				12	7	2	35.25	67.50
Hamilton				60	66	24		19.65
Kingston				49	17	6	2,025.00	24.00
Kitchener				20	13	2		19.33
Kenora	1	1		14	10	2		31.00
London				57	43	8		14.96
Lindsay				24	5			26.00
L'Orignal	1			18	8	1		20.00
Milton				18	9	1		24.44
Napanee	1			18	5			20.58
North Bay				20	34	10		26.40
Ottawa	1			93	52	26	930.75	22.50
Owen Sound				32	14	2		24.92
Orangeville				22	13	8		30.00
Perth	1	1		18	12	1		16.75
Picton				18	2			23.00
Pembroke		1		24	14	1		18.00
Peterborough				18	17	4		20.50
Port Arthur	3			40	39	4		11.20
Parry Sound				26	13			25.55
Simcoe				18	5			22.25
St. Catharines	3			38	18	2		22.50
Sarnia		1		13	14	2		22.00
Stratford		2		30	15	2		19.05
Sandwich	1			58	67	10		23.30
St. Thomas	1			16	15	5		16.27
Sault Ste. Marie				23	49	14		29.60
Sudbury				22	61	8		25.33
Toronto	1		3	270	144	61		23.50
Walkerton				24	9	1		18.00
Woodstock	1	4		32	14	4		19.33
Welland	1			48	43	4		22.80
Whitby				28	15	1		20.00
Lock-ups:								
Atikokan				3				
Byng Inlet				7	3	1		
Cobalt				6				
Mine Centre				3	1	1		
Totals	18	15	4	1,531			2,991.00	

TABLE No. 10.

Showing the daily cost per prisoner in each of the gaols, excluding the District Lock-ups, for the year ending September 30th, 1920.

Name of gaol.	Number of prisoners committed during the year.	Total days' stay of prisoners during the year.	Cost of fuel, food and clothing.	Average cost per day for each prisoner.
			$ c.	Cents.
Barrie	77	2,697	2,049.43	75.82
Belleville	340	4,877	3,362.00	68.93
Brantford	156	3,165	1,675.26	52.93
Brampton	48	1,235	1,302.48	105.46
Brockville	110	2,504	1,974.94	78.87
Bracebridge	18	831	585.17	70.42
Cayuga	31	1,232	892.12	72.41
Cornwall	75	2,110	1,464.71	69.42
Cobourg	82	2,393	1,802.32	75.32
Chatham	186	4,369	2,518.37	57.64
Fort Frances	140	1,414	948.63	67.08
Goderich	43	1,586	1,352.03	85.24
Guelph	54	1,711	1,160.40	67.82
Gore Bay	14	1,474	1,528.37	103.69
Hamilton	855	14,768	7,910.34	53.56
Kingston	106	4,052	3,149.82	77.73
Kitchener	126	2,242	1,540.04	68.69
Kenora	52	1,409	1,508.71	107.07
London	610	8,697	2,755.61	31.67
Lindsay	20	635	867.73	136.65
L'Orignal	25	1,108	458.24	41.35
Milton	57	1,164	329.12	28.27
Napanee	16	535	421.84	78.85
North Bay	215	7,379	4,513.75	61.17
Ottawa	694	13,169	4,378.01	33.24
Owen Sound	79	2,385	2,661.61	111.59
Orangeville	13	3,635	2,617.51	72.01
Perth	60	2,417	726.86	30.07
Picton	21	302	53.55	17.73
Pembroke	77	1,629	1,296.32	79.58
Peterborough	126	3,268	1,119.00	34.24
Port Arthur	295	4,598	4,853.11	105.55
Parry Sound	101	1,076	728.20	67.67
Simcoe	32	572	396.55	69.33
St. Catharines	144	2,621	993.62	37.91
Sarnia	95	2,165	1,786.72	82.57
Stratford	82	2,360	1,818.18	77.04
Sandwich	493	11,043	5,668.11	51.33
St. Thomas	123	2,281	1,133.31	49.68
Sault Ste. Marie	337	10,487	6,911.58	65.94
Sudbury	1,331	10,161	2,717.81	26.75
Toronto	6,600	40,603	19,313.53	47.56
Walkerton	25	1,348	417.72	30.99
Woodstock	122	2,854	2,181.72	76.44
Welland	220	5,226	3,046.48	58.29
Whitby	131	2,538	1,260.37	49.66
Totals	14,756	200,325	112,146.80	56.03

TABLE No. 11.

Showing the number of prisoners, male and female, sentenced during the year ending September 30th, 1920, and a comparison of the same with the previous year.

Name of gaol.	No. of Prisoners sentenced during year ending 30th September, 1919.			No. of Prisoners sentenced during year ending 30th September, 1920.			Increase.			Decrease.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Barrie	48	1	49	56	1	57	8	....	8	....	....	....
Belleville	80	3	83	86	4	90	6	1	7	....	....	....
Brantford	55	5	60	60	8	68	5	3	8	....	....	....
Brampton	15	....	15	12	....	12	....	....	....	3	....	3
Brockville	98	6	104	82	....	82	....	....	....	16	6	22
Bracebridge	15	2	17	7	1	8	....	....	....	8	1	9
Cayuga	11	....	11	23	2	25	12	2	14	....	....	....
Cornwall	60	1	61	51	1	52	....	....	....	9	....	9
Cobourg	29	2	31	41	....	41	12	....	12	....	2	2
Chatham	72	4	76	73	5	78	1	1	2	....	....	....
Fort Frances	65	1	66	120	....	120	55	....	55	....	1	1
Goderich	21	2	23	25	....	25	4	....	4	....	2	2
Guelph	39	2	41	40	4	44	1	2	3	....	....	....
Gore Bay	6	1	7	11	3	14	5	2	7	....	....	....
Hamilton	542	47	589	460	37	497	....	....	....	82	10	92
Kingston	102	7	109	70	4	74	....	....	....	32	3	35
Kitchener	38	1	39	44	1	45	6	....	6	....	....	....
Kenora	12	....	12	24	....	24	12	....	12	....	....	....
London	299	12	311	300	17	317	1	5	6	....	....	....
Lindsay	12	....	12	8	....	8	....	....	....	4	....	4
L'Orignal	20	4	24	20	3	23	....	....	....	....	1	1
Milton	40	2	42	27	1	28	....	....	....	13	1	14
Napanee	15	5	20	10	2	12	....	....	....	5	3	8
North Bay	126	4	130	166	10	176	40	6	46	....	....	....
Ottawa	334	27	361	340	29	369	6	2	8	....	....	....
Owen Sound	44	....	44	63	....	63	19	....	19	....	....	....
Orangeville	9	1	10	6	1	7	....	....	....	3	....	3
Perth	35	....	35	36	1	37	1	1	2	....	....	....
Picton	....	....	....	....	....	....	....	....	....	....	....	....
Pembroke	30	1	31	58	1	59	28	....	28	....	....	....
Peterborough	41	....	41	33	....	33	....	....	....	8	....	8
Port Arthur	168	7	175	240	3	243	72	....	72	....	4	4
Parry Sound	87	2	89	65	1	66	....	....	....	22	1	23
Simcoe	14	....	14	8	1	9	....	1	1	6	....	6
St. Catharines	73	1	74	83	7	90	10	6	16	....	....	....
Sarnia	42	3	45	43	1	44	1	....	1	....	2	2
Stratford	29	1	30	49	2	51	20	1	21	....	....	....
Sandwich	85	19	104	247	10	257	162	....	162	....	9	9
St. Thomas	33	3	36	45	2	47	12	....	12	....	1	1
Sault Ste. Marie	154	7	161	226	11	237	72	4	76	....	....	....
Sudbury	767	17	784	1,182	38	1,220	415	21	436	....	....	....
Toronto	3,312	160	3,472	3,329	204	3,533	17	44	61	....	....	....
Walkerton	21	7	28	9	2	11	....	....	....	12	5	17
Woodstock	101	8	109	108	5	113	7	....	7	....	3	3
Welland	217	10	227	128	3	131	....	....	....	89	7	96
Whitby	44	2	46	38	2	40	....	....	....	6	....	6
Lock-ups:												
Atikokan	....	....	....	....	....	....	....	....	....	....	....	....
Byng Inlet	....	....	....	4	....	4	4	....	4	....	....	....
Cobalt	50	6	56	54	5	59	4	....	4	....	1	1
Mine Centre	....	....	....	....	....	....	....	....	....	....	....	....
Totals	7,510	394	7,904	8,210	433	8,643	1,018	102	1,120	318	63	381

Fifty-Third Annual Report

OF THE

INSPECTOR OF

Prisons and Reformatories

OF THE

PROVINCE OF ONTARIO

BEING FOR THE YEAR ENDING 31st OCTOBER

1920

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

TORONTO:
Printed and Published by Clarkson W. James, Printer to the King's Most Excellent Majesty
1921

Parliament Buildings, Toronto, December 16th, 1920.

To His Honour Lionel Herbert Clarke,

Lieutenant-Governor of the Province of Ontario.

May it Please Your Honour:

I beg to submit herewith the Fifty-third Annual Report upon the Prisons and Reformatories, being for the year ending 30th September, 1920.

I have the honour to be,

Your Honour's most obedient servant,

H. C. NIXON,

Provincial Secretary.

Toronto, December 6th, 1920.

SIR,—I have the honour to submit herewith, to be presented to His Honour the Lieutenant-Governor, the Fifty-third Annual Report upon the Prisons and Reformatories of the Province of Ontario, being for the official year ending 30th September, 1920.

I have the honour to be, Sir,

Your obedient servant,

W. W. DUNLOP,

Inspector.

The Honourable H. C. Nixon, M.P.P.,

Secretary of the Province of Ontario,
Toronto.

ANNUAL REPORT

INDUSTRIAL FARM, BURWASH, ONTARIO.

February 21st, 1921.

SIR,—In presenting this I have to report the most successful year since the establishment of the Institution. The measures taken for the reformation of the inmates have been successful to a gratifying degree, construction of buildings has been almost completed, a considerable amount of land cleared and the farm crops have been uniformly heavy.

As was expected in the period of re-adjustment following the War, the population increased, but was to some extent offset by greater application of the Parole system. I cannot express too strongly my appreciation of the work that is being done in this regard. More men have been granted paroles than in any year formerly. Magistrates more and more have been giving the indefinite sentence, with the result that the men come before the Board at an earlier period and the Board has greater latitude in deciding regarding them.

The general health of the inmates has been very good—outside of the Influenza epidemic. Over two hundred of the men were affected by this epidemic, but because of the lightness of the attack and the medical and nursing attention received, only one death ensued. There were no other epidemics during the year.

Good progress has been made in combatting venereal diseases. During the year a Clinic was established at the Institution and regularly specialists from the Department of Public Health have visited the Institution and given the men treatment. The men appreciate very much the efforts on their behalf and are responding accordingly.

The need for classification of prisoners is still imperative. The feebleminded should be in a class by themselves. The drug addicts in another class, and those suffering from venereal diseases must be separated from all other prisoners. We are looking forward to the re-occupation of the Guelph Reformatory, which will supply all necessary facilities for this purpose. During the War, this institution was taken over by the Dominion Government and used as an industrial training school and hospital.

There are also many short term men in the County Gaols who, because of the distance, cannot be removed to Burwash and who could be given profitable work at Guelph Reformatory.

In my last Annual Report I referred to one million feet of lumber which at that time was being taken out of the woods in the form of logs. That work was completed and during the past year this material was made into lumber, shingles, lathes, etc. At the present time we are taking out a quantity almost as great. Much of this material has been used in local construction, but at the time of writing, there remains in the Lumber Yard at the Institution some quarter million feet ready for marketing.

During the year eight miles of Institution roads were surfaced with gravel and are now in good condition.

The Institution is in a position to make big strides—not merely in reformation, but also in farming and ranching. With construction completed,

a great proportion of the labour can be directed towards the clearing of land, farming operations and the manufacture of lumber, thus giving almost immediately a large cash return.

In conclusion permit me to thank you and the other officers of the Department for the co-operation and sympathetic help which you have given during the year. I would draw to your attention the splendid service which has been given by the officers of the Institution and especially the work of Mr. N. S. Oliver, the Assistant Superintendent. His co-operation and loyalty and unremitting efforts could not be excelled.

I wish also, in this public way, to thank Adjutant and Mrs. Adams of the Salvation Army for their splendid work among the men and all others, who, in any way, have assisted us in the work we are doing.

I have the honour to be, Sir,

Your obedient servant,

(Sgd.) C. F. NEELANDS,

Superintendent.

W. W. Dunlop, Esq.,
Inspector of Prisons,
Parliament Buildings,
Toronto, Ontario.

TORONTO MUNICIPAL FARM, LANGSTAFF, ONT.

December 14, 1920.

W. W. Dunlop, Esq.,
Inspector of Prisons,
Parliament Buildings,
Toronto, Ontario.

SIR,—I have the honour to present herewith my fourth Annual Report on the Toronto Municipal Farms, being for the period from October 1st, 1919, to September 30th, 1920.

During the year under review 2,092 inmates have passed through the Institution and during this period the number of successful escapes have only been six.

The discipline of the Institution has remained exceptionally good in spite of the fact that remission of sentence was cut off during January of this year; since that time all the inmates of the Institution have been suffering a serious hardship in that had they been graded as fit and sent to Burwash they would have been enabled to shorten their own sentences by good conduct and application to work.

It is to be hoped that the agitation now under way for prison reform along the lines of Industrial training with pay may bear fruit in the form of wise legislation enabling this to be carried into effect, and that the Courts will proceed to develop psychiatric and other clinics so that persons about to be sentenced can be properly classified before being sentenced, in short, that

the sentence may be made reformative instead of punitive. It is also to be hoped that a proper probationary system, well staffed, could be built up from our present Ontario parole scheme to take over both from Ottawa and Ontario; this would cut out duplication and enable a maximum of freedom with proper guidance and counsel to inmates and minimise the number of dependents who are, under present conditions, punished without intent to do so.

Buildings. The Horse Barn asked for last year has been constructed and is now in operation.

The Crop has been a bumper one; I am enclosing a report from the Farm Foreman on this branch.

Under the system of Parole by Order-in-Council more families have benefited than last year. It is interesting to note that during this period the amount of money earned was over $14,000.00, while none of those benefited fell down or had to be disciplined.

On the 1st April this year an Educational Instructor, Mr. E. H. Williams, was appointed; his services have been eminently satisfactory. I enclose his report.

Women's Branch. During this period the work has been carried on smoothly and successfully in this branch; the number of inmates showing a large falling off as compared with the previous year.

Maintenance. The upkeep of the Institution has been maintained on the same moderate scale, the cost per diem remaining under 70c per capita.

I wish to call attention to the active support given the present administration by all members of the Staff and also by the following ladies and gentlemen who have given so much of their time and money for the welfare of those committed to this Institution: Brigadier and Mrs. Frazer and their Assistants of the Salvation Army, Rev. P. J. Bench of the Catholic Charities, Rev. Capt. Brydges of the Anglican Church, Mr. Mills and Mrs. Land of the Christian Science Church, Mr. Graham of the Y.M.C.A., Mr. J. P. Bickle and many others.

I have the honour to be, Sir,

Your obedient servant,

(Sgd.) W. J. MORRISON, Major,

Superintendent.

MERCER REMORMATORY

Toronto, December 24, 1920.

SIR,—I have the honour to submit the Annual Report for the Andrew Mercer Ontario Reformatory for the year ending October 31st, 1920.

On October the 30th, 1920, the 5,030th inmate was registered at the Reformatory. The Institution was opened on the 28th of August, 1880. Every Annual Report since that date has testified to the futility of short sentences; and the adoption of an indeterminate sentence with release on parole has been urged. As far as location permits, the Institution is equipped to train in better habits of living those committed to its care and to impart to every

individual such skill in some calling as will enable her to earn an honest and decent living. The environment is not now what one could wish, yet notwithstanding this handicap, good results are obtained where the term permits the acquiring of skill at the chosen work, and the application of the parole system.

A glance over the records of the Reformatory shows a constantly increasing group of young women between the ages of 16 and 30 received at the Institution; sad to say, the majority of these young women are infected with Venereal Disease. I regret to report that that portion of the Reformatory fitted up specially for the care of this class is to-day completely filled with these unfortunate victims.

Another depressing problem is the care of those inmates deficient mentally when their term expires at the Reformatory. These may be transferred to the Hospital at Orillia, but those who have broken the law and have practiced evil ways so publicly that they have been committed to the Reformatory by the Courts are scarcely the class for whom the Hospital at Orillia is intended. It seems to me some other custodial Institution should exist to receive these unfortunates.

The employment of several of our population in the care of the grounds has been this year most profitable. The gardener reports the harvesting of:

Beets	3,240	lbs.
Carrots	4,020	"
Cabbage	6,300	"
Celery	1,080	"
Onions	2,700	"
Parsnips	1,920	"

We also enjoyed from the earliest spring days lettuce and radishes, raised in hot beds, and later on the summer vegetables, spinach, asparagus, tomatoes, green beans, green peas and green corn, in such quantities that all available jars were used this year for canning a supply sufficient for the needs of the year. Cauliflower was also raised in such abundance that there was plenty for all. We have but a few acres of land here; it seems a great pity that our young people cannot be transferred to some location more favourable for production, and where many more could be given the opportunity of working in the open air. This recommendation in detail has been made in former reports.

In spite of protests the short term continues to be dealt out to misdemeanants and I must repeat what I have said so often, that good habits cannot be formed in a few weeks. We have a specially equipped factory where an excellent trade can be taught young girls and yet on account of the short sentences a knowledge of factory work cannot be imparted to as many as could be wished.

The Field Officer reports excellent results with those whose sentences have been such as to permit of release on parole. There has been but one parole breaker during the year; the others have made good — have large amounts to their credit in the bank and are giving satisfaction to their employers. A real need exists of suitable boarding houses for those who are working in factories.

During the past year the Assistant Superintendent, Mrs. St. John, resigned. Mrs. St. John was appointed in March, 1915, and devoted herself to the interests of the women and their betterment unsparingly. By transfer to Ottawa we also lost the direction and advice of Doctor Helen MacMurchy,

who as Assistant Inspector of Prisons, took the deepest and most active interest in the Institution.

I cannot sufficiently thank those faithful ones who are devoting time and energy to the spiritual welfare of our inmates. Their interest and perseverance can always be depended upon.

I have the honour to be, Sir,

Your obedient servant,

(Sgd.) EMMA O'SULLIVAN,

Superintendent.

TABLE No. 1.

Showing the number of prisoners in custody at 30th September, 1919, the number received during the year, the number discharged, died, etc., and the number in custody at 30th September, 1920.

	In custody at 30th Sept., 1919.	Committed during year.	Total number in custody.	Discharged on expiration of sentence.	Discharged by ticket-of-leave.	Discharged by Parole Board.	Discharged by payment of fines.	Discharged by remission of sentence.	Discharged by Order-in-Council.	Discharged by Minister of Justice.	Conditional discharges.	Other reasons.	Escaped.	Returned to gaols.	Transferred to penitentiary.	Transferred to hospitals for insane.	Transferred provincial institutions.	Released on Writ of Habeas Corpus	Died while in custody.	Remaining in custody at 30th September, 1920.
Ontario Reformatory—Clay Plant, Mimico	62	156	218	104	14	17	1	..	4	2	..	..	6	..	..	2	12	..	..	56
Industrial Farm, Burwash	341	1,004	1,345	592	90	78	24	..	8	22	2	12	23	..	11	4	1	..	5	473
Industrial Farm, Ft. William	43	181	224	135	8	2	12	..	..	3	2	..	6	..	..	..	..	..	..	56
Toronto Municipal Farm—Langstaff (males)	177	1,665	1,842	1,346	19	5	176	21	67	10	..	..	6	13	..	..	2	..	5	172
Toronto Municipal Farm—Langstaff (females)	40	212	252	185	2	...	34	..	2	..	..	..	..	..	..	..	1	..	2	26
Mercer Reformatory	60	81	141	54	8	9	...	..	..	7	..	..	..	..	..	4	1	..	..	58
Total	723	3,299	4,022	2,416	141	111	247	21	81	44	4	12	41	13	11	10	17	..	12	841

TABLE No. 2.

Showing Social Conditions.

Married	970
Single	2,329
	3,299

TABLE No. 3.

Showing the Educational Status.

Read and write	2,981
Neither read nor write	318
	3,299

TABLE No. 4.

Showing the Habits of Prisoners.

Temperate	1,477
Intemperate	1,822
	3,299

TABLE No. 5.

Showing the Religions of Prisoners.

Anglicans	681
Methodists	437
Presbyterians	507
Roman Catholics	1,300
Other religions	374
	3,299

TABLE No. 6.

Showing the Length of the Sentences.

One month	1,331
Two months	245
Three months	643
Four months	133
Five months	34
Six months	425
Eight months	10
Nine months	34
Ten months	6
One year	205
Fifteen months	13
Two years	95
Indefinite sentences	125
	3,299

TABLE No. 7.

Showing the Nationalities of the Prisoners.

Canadians	1,816
English	412
Irish	191
Scotch	181
United States	234
Other nationalities	465
	3,299

TABLE No. 8.

Showing the Crimes for which Prisoners were Committed.

Crimes against the person:		
Assault	55	
Cutting, wounding, stabbing, shooting	18	
		73
Crimes against property:		
Arson and incendiarism	2	
Burglary, house-breaking and larceny	948	
Forgery	35	
Fraud and false pretences	83	
Horse stealing	1	
Receiving stolen goods	48	
Trespass	13	
Miscellaneous	1	
		1,131
Crimes against public morals and decency:		
Bigamy	23	
Inmates of houses of ill-fame	15	
Keeping houses of ill-fame	26	
Perjury	12	
Seduction	28	
Indecent assault	24	
Miscellaneous	77	
		205

Offences against public order and peace:		
Alien enemies	9	
Escaping and obstructing constable	10	
Carrying unlawful weapons	9	
Drunk and disorderly	919	
Deserting and absenting from His Majesty's service	14	
Breaches liquor law	515	
Vagrancy	231	
Other offences	183	
		1,890
		3,299

TABLE No. 9.

Showing the Occupations of Prisoners when Committed.

Agricultural	80
Commercial	731
Domestic	354
Labourers	1,638
Mechanics	440
Professional	14
No occupation	42
	3,299

5897